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ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO,
SAN FRANCISCO, CALIFORNIA

VOL. I SAN FRANCISCO, CALIFORNIA, APRIL, 1911 No. 1

WORK OF THE CHAMBER OF COMMERCE

A new era is dawning on the Pacific Coast. Stupendous developments in commerce, shipping and in industries are certain. The Panama Canal will so change the commercial geography of the world that San Francisco and all other ports of entry on the Pacific Coast are especially interested in all results that will follow the use of that great enterprise. The position of San Francisco will make it a great commercial port. Whatever concerns commerce that is auxiliary to the greatness of California and the Pacific Coast as a whole, naturally concerns the Chamber of Commerce of San Francisco.

Our daily relations with all the world by sea and by all other routes of travel and transportation will be of continually increasing importance. It is particularly fit and appropriate that the Chamber should consider and act in relation to problems that may arise.

This organization came into existence as a necessity, before there was a State of California, in 1850. At first it was an arbiter of commercial differences, when there were no American Courts in San Francisco. Then its scope was broadened and, for a period of years, it led the way for the entire Pacific Coast in securing facilities for the promotion of commerce and industries. A splendid record was made in this direction, which will be briefly recapitulated a little later. The Chamber of Commerce of San Francisco was born during a peculiar period of great activity—the first constructive period of San Francisco. The problems of that time were met promptly and satisfactorily by the Chamber.

A second period of vast importance is about to open. The uses of this Chamber will be as important in this new period—that of the permanent installation of San Francisco as a great center of world commerce on the Pacific Ocean—as they were in the earlier days. The purposes of the Chamber were defined very early. They are recorded in articles of reincorporation dated May 12, 1868, as follows:

"To promote and regulate the commerce of the Pacific Coast and to foster and encourage all the great interests of the State of California connected with, and affecting the trade and commerce of San Francisco."

These purposes continue. They embody the reason for the primary and continued existence of this Chamber. They describe our present aims and indicate the work of this body, the senior commercial organization of the Pacific Coast.

There are reasons for the monthly issuance of a publication by which our members may be continually in touch with their associates and with similar organizations in all parts of the world. Many Chambers of Commerce, Boards of Trade and Transportation and their kin, in foreign lands and in the United States, are regular correspondents of our Chamber of Commerce. By this publication several important and practical ends may be promoted, some of which are summarized as follows:

1. This recognized San Francisco body, having the promotion of commerce as its work, will be in continual touch officially with all lands, and its publications will be used as a reference concerning conditions on the Pacific Coast in all the great commercial, financial and trade centers of the world. We shall be able to promulgate information in all lands and to bring San Francisco into such intimate relations with the great ports of all foreign countries that much good must result. What San Francisco possesses in advantages for the encouragement of commercial relations dealing with the port will be set forth completely. What other ports require in connection with San Francisco will be learned directly through the regularly issued publications of the commercial organizations of our world neighbors. Means will be taken to have all such publications on the exchange list of this journal and they will be accessible to all members of this Chamber for reference. Our journal will be in the hands of all American consuls.

2. While promoting the welfare of San Francisco as a whole, this journal will benefit the individual members of this Chamber directly. A feature will be the regular publication of a classified list of members of the Chamber, which will be an invaluable business directory. In its final result it will tend to increase local commerce, manufactures and all activities centered at San Francisco. There are more than seven hundred members of this Chamber. What lines they represent is to be learned by consultation of the classified lists in the latter pages.

The classified list represents more than 160 lines of enterprise, wholesale, retail, etc.

The time is opportune to make known our aims, our membership and our resources wherever such knowledge can be made useful. This publication is for the accomplishment of practical good and it will be conducted along lines to confer benefits that will be appreciated by the general public and by our members alike, and in all foreign and domestic commercial fields which the daily press of San Francisco cannot reach expediently.

FOREIGN CONNECTIONS OF CHAMBER

The foreign correspondents of the Chamber of Commerce of San Francisco include a large number of important commercial bodies. Among them are the following:

The American Chamber of Commerce, Paris, France.
The Chamber of Commerce of Calais, Calais, France.
The Chamber of Commerce of Havre, Havre, France.
The Camera do Comercio, Oporto, Portugal.
The Chamber of Commerce, London, England.
The Chamber of Commerce, Liverpool, England.
The Chamber of Commerce, Glasgow, Scotland.
The Chamber of Commerce, Bremen, Germany.
The Chamber of Commerce, Bristol, England.
The Chamber of Commerce, Southampton, England.
The Chamber of Commerce, Genoa, Italy.
The Chamber of Commerce, Sydney, N. S. W.
The Chamber of Commerce, Melbourne, Australia.
The Chamber of Commerce, Geelong, Australia.
The Chamber of Commerce, Auckland, New Zealand.
The Hongkong Chamber of Commerce, Hongkong, China.
The Yokohama Foreign Chamber of Commerce, Yokohama, Japan.
The Chamber of Commerce, Adelaide, South Australia.
The Chamber of Commerce, Canterbury, New Zealand.
The Chamber of Commerce, of Bengal, Calcutta, India.
The Chamber of Commerce, Hamburg, Germany.
The Vancouver Board of Trade, Vancouver, B. C.
The British Columbia Board of Trade, Victoria, B. C.
The Chamber of Commerce, Newcastle, Australia.
The British Chamber of Commerce, Paris, France.
Chamber of Commerce of Amsterdam.
Chamber of Commerce of Bulawayo, Matabeleland, South Africa.
Chamber of Commerce, Edinburgh, Scotland.
Nagasaki Chamber of Commerce, Nagasaki, Japan.
Yokohama Chamber of Commerce, Yokohama, Japan.
Chamber of Commerce, Kyoto, Japan.
Imperial University, Kyoto, Japan.
Chamber of Commerce, Johannesburg, S. A. R.
Perth Chamber of Commerce, Western Australia.
Chamber of Commerce, Kobe, Japan.
Chamber of Commerce, Ghent Belgium.
Wellington Harbor Board, Wellington, N. Z.
Tokyo Chamber of Commerce, Yaesucho, Tokyo, Japan.
The American Chamber of Commerce in Berlin, Germany.
The Netherlands Chamber of Commerce in America, 68 Broad St., New York.
Deutsches Export-Informations Bureau, Cologne, Germany.
Chamber of Commerce, Bordeaux, France.
Camera de Comerico, Lima, Peru.
Chamber of Commerce, Milan, Italy.
Aomori Chamber of Commerce, Aomori, Japan.
American Association Commerce and Trade in Berlin, Berlin, Germany.
Chamber of Commerce, Cape Town, South Africa.
Hakodate Chamber of Commerce, Hakodate, Japan.
Hakata Chamber of Commerce, Hakata, Japan.
Hiroshima Chamber of Commerce, Hiroshima, Japan.
Kochi Chamber of Commerce, Kochi, Japan.
Commercial Intelligence Bureau, Ltd., 57A Holborn Viaduct, London, E. C., England.
Nagoya Chamber of Commerce, Nagoya, Japan.
Nigata Chamber of Commerce, Nigata, Japan.
Odaru Chamber of Commerce, Odaru, Japan.
Osaka Chamber of Commerce, Osaka, Japan.
Institute di Cooperasione, Sociale Corso, Umberto I, 440 Rome, Italy.
The Shanghai Chamber of Commerce, Shanghai.
Consolidated Chambers of Commerce of China, Shanghai.
Hongkong General Chamber of Commerce, Hongkong.
Chamber of Commerce of Canton, Canton.
The Amoy Chamber of Commerce, Amoy.
The Foochow Chamber of Commerce, Foochow.
The Chefoo Chamber of Commerce, Chefoo.
The Tientsin Chamber of Commerce, Tientsin.
The Peking Chamber of Commerce, Peking.
The Hankow Chamber of Commerce, Hankow.
Kiukiang Chamber of Commerce, Kiukiang.
The Wuhu Chamber of Commerce, Wuhu.
The Nanking Chamber of Commerce, Nanking.
The Chinkiang Chamber of Commerce, Chinkiang.
The Soochow Chamber of Commerce, Soochow.
Hanchow Chamber of Commerce, Hanchow.

The effort of the Chamber will be to increase its connections in foreign countries and in all important cities in the United States. The foregoing list indicates a peculiar advantage which the Chamber possesses. This will become greater as an immediate and direct source of information in relation to commerce, manufactures and all industrial pursuits that are related in any way to the Pacific Coast of the United States.

Members of the Chamber of Commerce of San Francisco traveling abroad will be furnished with a general letter of introduction on application to the Secretary.

NEW YORK CHAMBER NAMES ARBITRATION COMMITTEE

(From the Monthly Bulletin of the Chamber of Commerce of the State of New York.)

The Chamber, at its March meeting, having elected a standing Committee on Arbitration, consisting of Messrs. Charles L. Bernheimer, Henry Hentz, James Talcott, James H. Post, William Lummis, Frank A. Ferris and Algernon S. Frissell, is again provided with a system of arbitrating commercial disputes, thus saving the time and expense of litigation. The committee, which has been selected, is an able one composed of well known members of the Chamber, four of whom served on the special committee which drafted the By-Laws providing for this system of arbitration. Two of the members of the standing committee have had actual experience upon boards of arbitration in other institutions. Inasmuch as one of the first duties of a Chamber of Commerce is to provide facilities for the adjustment of disputes among its members, the New York Chamber has again put itself in a position to perform this primary duty. The new committee met Wednesday, March 15, for organization.

COMMERCIAL AGENT FAVORS JOURNAL

Lovett M. Wood, who was recently appointed Commercial Agent to investigate trade conditions abroad by Secretary Charles Nagel of the Department of Commerce and Labor, sailed Wednesday, March 29, on the steamship America Maru for Hong Kong, China. Mr. Wood will serve the manufacturers and exporters of the United States under Chief A. H. Baldwin, of the Bureau of Manufacturers of the Department named.

Mr. Wood left San Francisco, the chief city and port of the Pacific Coast, with many letters of introduction from manufacturers and exporters to the Orient from all sections of the Union and the warm wishes of many friends who have known of his enthusiastic efforts to promote the commerce of the Pacific Coast ports for almost a quarter of a century.

Under direction of Chief Baldwin, he visited San Francisco three weeks ago and secured a complete list of the Oriental exporters of this city and the State of California, and also interviewed several of the principal ones, receiving letters of introduction to their branches and agents in China, Japan, Philippines and other sections of the Orient.

Talking of the prospects of increasing our Oriental trade, just before beginning the voyage, Mr. Wood said:

"It is not possible for me to say just what my itinerary will be beyond a possible two months at Hong Kong. I shall be guided, of course, by Chief Baldwin, of the Bureau. I shall attempt, after conferring with the United States Consul there, to lay out my trips of investigation and promotion with the least possible overlapping. A trip to Manila will probably come first; then to the Straits Settlements, followed by parts of China, Formosa, and later Japan, parts of India, and perhaps, Russia. Conditions that may arise, you can understand, may largely change this rough outline.

"I leave for the Orient with sincere appreciation of the valuable assistance given me in my preparatory work by the San Francisco Chamber of Commerce and by the Collector of Customs. You are probably aware of the large number of exporters in your city who ship to the Orient, and are cognizant of what the development of such commerce has been, but I doubt if your manufacturers naturally engaged in their individual trade progress, understand what development can be attained by collective effort, by government co-operation and by a greater disposition, that will probably come in time, to advance as far as can consistently be done, the establishment of firm representation in the countries to which exports can regularly and profitably be made.

"The Department of Commerce and Labor, particularly under Secretary Nagel and Chief Baldwin, is giving undisputed evidence of a desire to give practical, rather than academic aid to the exporters of this country, but you realize that the Congress does not apparently hold in such high esteem as we do the value of our foreign commerce or it would make different disposition of the appropriations and permit such thorough investigation as is being made by other nations with which we can compete for trade all over the world. Perhaps our commercial bodies do not talk to our representatives in the Congress on this phase of development as insistently and earnestly as do other elements interested in the development of our country.

"Speaking of commercial bodies, it may not be out of place to say that I think the monthly publication the Chamber of Commerce of San Francisco is just starting is along broad and high-class lines, and cannot be other than of great value to the exporters and importers of San Francisco. Issuing it without advertising and devoting it entirely to the commercial upbuilding of the Port of San Francisco must command the respect of the large membership of the Chamber as well as of publications from which it will not attempt to divert any part of their patronage. The plan commands respect and such a Journal must also have greater strength with foreign firms with whom San Francisco seeks commercial relations. I shall, indeed be pleased to call the attention of Oriental importers to the information to be found in the Chamber of Commerce Journal and will appreciate receiving a few copies in care of the American Consul at Hong Kong.

"I can understand how interested San Francisco should be in the development of the Oriental commerce, because the Pacific Coast ports are the natural gateway for the whole Union's trade with the Orient. So far as your body and your exporters will keep in mind the Department's desire and my disposition, to be of the greatest possible service, to this port as well as other sections of our country, my efforts will be strengthened by every suggestion and by frequent information to assist me in attaining the desired object. I shall, from time to time, write to the Chamber of Commerce of San Francisco. The Bureau of Manufactures, Washington, D. C., will at all times be able to definitely place me and give such information as I gain in my investigations. The work will probably be slow at first, for many reasons which will readily occur to all exporters. I will do my best, and hope that will please the Department and the manufacturers and exporters to whom the Bureau instructs me to give individual and earnest service."

DESIRE DIRECT TRADE WITH THE UNITED STATES

(From the Daily Consular and Trade Reports of March 21, 1911.)

The Russian merchants desire direct trade with the United States, believing that the elimination of commission men and agents in the United States and Europe can be easily accomplished, provided the manufacturers will do their part. The large sums accruing to these various agencies, thriving on the present system, could be applied to reduction of prices and otherwise introducing new measures tending to the sale in the Russian markets of greater outputs of American leather. One experienced wholesaler stated that if the United States seeks foreign markets there is none better than Russia for kid leather. The heavy brogans for women of the peasant class are rapidly disappearing, and the demand for the grade of kid of American manufacture is rapidly increasing. So great are the requirements that the French firms contemplate building factories in Russia for the production of their kid.

The walnut crop of California in 1910 was 15,000,000 pounds, worth $1,430,000. The almonds, amounting to 6,800,000 pounds, were estimated at $590,000.

CHAMBER OF COMMERCE JOURNAL

Issued monthly by The Chamber of Commerce of San Francisco, from 431 California Street, San Francisco, California. Copies may be obtained from the Secretary.

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SAN FRANCISCO, CALIFORNIA, APRIL, 1911

CURRENT YEAR WILL BE EVENTFUL

Matters of more than common interest are to come before the Chamber of Commerce of San Francisco during the current calendar year and much will develop in connection with the Panama Canal, in all probability. One topic of general interest has engaged the attention of the Chamber which particularly deserves mention. In February the Chamber endorsed resolutions adopted by the Associated Chambers of Commerce of the Pacific Coast which are as follows:

Resolved, That in the opinion of the Associated Chambers of Commerce of the Pacific Coast, the United States should enter into no treaty with any other country which, by reason of a favored nation, or any other provision, will prevent or hamper American ships engaged in coastwise or colonial trade passing through the Panama Canal either free, or on more favorable terms than those enjoyed by the ships of other nations.

Resolved, That the Chambers of Commerce and other quasi-public bodies of the Pacific Coast be respectfully requested to petition the President and Congress of the United States, and the members of both houses of Congress from their respective States to the end set forth in the preceding resolution.

These resolutions were forwarded to President Taft and to the members of the California Congressional delegation by authority of the Chamber of Commerce of San Francisco. Letters have been received from Charles D. Norton, Secretary of the President and also from Mr. Adee, acting Secretary of State, acknowledging the receipt of the communications which were signed by Captain William Matson, President of the Chamber of Commerce of San Francisco. California Senators and Congressmen have also made similar acknowledgments and have given assurances that the matter shall receive careful attention.

SMALL ARMS RANGE IN CALIFORNIA

The Chamber has interested itself in securing an appropriation for the purchase of a small arm target range situated about eight miles from Santa Barbara. The range is for the use of the army and navy of the United States and of the National Guardsmen of the several states west of the Rockies. The California Congressional delegation members have promised to take the matter up.

Lieutenant Commander W. A. Moffitt, U. S. N., located at San Francisco as Lighthouse Inspector, was detailed by the Government some time ago to consider and report concerning the proposed small arm target range. He has recommended the purchase of a range about eight miles from Santa Barbara, and about one mile from Goleta station on the Coast line of the Southern Pacific Company. For the past five years the Navy Department has been endeavoring to establish a rifle range on the Pacific Coast for practice on shore with rifles and revolvers for the use of the men on the Pacific fleet and, later, the men of the Atlantic fleet, when the Panama Canal is opened.

The establishment of such a range would cause the bringing of thousands of men to California each year for practice. Much influence has been brought to bear to have the range located on Puget Sound. As a site on Puget Sound was selected for a torpedo station the chance is better that California may secure the small arms range. The land for the site cannot be secured without the authority of Congress and an appropriation, but there is a regular annual appropriation for the construction and maintenance of small arm ranges.

COLONEL GOETHALS ACCEPTS INVITATION

An invitation has been accepted by Colonel George W. Goethals, Chairman and Chief Engineer of the Isthmian Canal Commission, to visit San Francisco, as the guest of the Chamber, in June. San Francisco is largely concerned in the matter of Panama Canal supplies. This subject will be discussed upon the occasion of Colonel Goethal's visit to this city.

Incidental to correspondence in regard to this general subject a letter has been received by the Chamber from Congressman Knowland, which contains important information that is indicated by the following:

"Next year the Committee on Interstate and Foreign Commerce, of which I am at present a member, will report out a bill regulating tolls and other matters in connection with the Canal of equal importance. My present intention is to leave here for Panama. I am very desirous of personally investigating conditions."

FORWARDING FORT MASON WORKS

At a weekly meeting of the Trustees of this Chamber held March 3, the President of the Chamber reported that he had forwarded a telegram to President Taft, requesting his approval of the recommendation of Quartermaster General Aleshire to the Secretary of War, relative to an appropriation of $995,000 for the completion of the Government warehouse and docks at Fort Mason.

REPORT FROM OUR WASHINGTON BUREAU

William M. Bunker, a trustee, and representative of the Chamber of Commerce of San Francisco, at Washington, D. C., has summarized measures passed by the Sixty-first Congress, second session, affecting San Francisco and California, as follows:

The appropriations for Federal expenditures in the sundry civil expense bill for Postoffice buildings, etc., are:

Alameda	$20,000
Bakersfield	20,000
Berkeley	45,000
Hanford	17,000
Long Beach	40,000
Sacramento	15,000
San Bernardino	20,000
San Diego	80,000
Santa Cruz	20,000

MISCELLANEOUS

Army Supply Depot at Fort Mason	$200,000
Improving the Harbor of San Francisco	30,000
Improving the Harbor of San Luis Obispo	64,000
Soldiers Home Improvements, etc	64,430
Light Station at San Pedro	36,000
Surveys of the Pacific Ocean	160,000
Lighthouse at Lincoln Rock, Alaska	25,000
Aid to Navigation, Alaska	60,000

SPECIAL BILLS

Public No. 505 is a bill for the promotion of nautical education with the adoption of which Senator Perkins, Chairman of the Naval Committee, is specially identified. The bill authorizes the Secretary of the Navy to furnish, upon the application in writing of the Governor of a state, a suitable vessel of the navy, with all her apparel, charts, books, etc., to be used for the benefit of any nautical school, or school or college having a nautical branch, established at each of eleven ports of the United States including San Francisco, upon the condition that there shall be maintained at such port a school or branch of a school for the instruction of youths in navigation, steamship-marine engineering, and all matters pertaining to the proper construction, equipment and sailing of vessels or any particular branch thereof. The bill also provides that a sum not exceeding the amount annually appropriated by any state or municipality for the purpose of maintaining such a marine school is authorized to be appropriated for the purpose of aiding in the maintenance and support of such school or schools. It is further provided that the appropriation for any one year shall not exceed $25,000 for any one school.

RIVER AND HARBOR APPROPRIATIONS

Improving Humboldt Harbor	$170,000
" Los Angeles Harbor	270,000
" Oakland Harbor	150,000
" Pinole Shoal Channel	760,000
" Mokelumne River	5,000
" Petaluma Creek	11,000
" Sacramento River	25,000
" San Joaquin River	25,000

SURVEYS ORDERED

Crescent City Harbor, Newport Harbor, Richmond Harbor, Santa Barbara Harbor, San Joaquin River, Fremont Channel, Mokelumne River.

NAVAL BILL

Naval Training Station	$ 74,267
Naval Training Station Improvements	60,000
Improving Mare Island Straits	807,000
For building a collier at Mare Island at a cost limit	1,200,000

The appropriations for the collier and the improvement of the navigable waters affecting navigation in the Mare Island and Pinole regions are of special importance and significance in that they insure the efficiency and perpetuation of the great Mare Island Navy Yard. The limit of cost on the fleet collier authorized to be constructed at a navy yard on the Pacific Coast by the appropriation bill of 1908 was so low as to make the construction of the collier at Mare Island absolutely impossible. The appropriation in the naval bill of the 61st Congress means the expenditure of over a million and a half dollars in the California Navy Yard.

As the Naval Appropriation Bill also carries an item appropriating $300,000 and authorizing $507,000 additional or a total of $807,000 for the improvement of Mare Island Straits and approaches (as already noted) the progressive prominence of the Navy Yard may easily be appreciated. As already shown in the list of appropriations for river and harbor improvements $400,000 was appropriated and $360,000 additional authorized in connection with this same Mare Island Straits and approaches improvement, thus placing the project under the continuing contracts plan. This appropriation allows the full amount recommended by the Board of Officers in 1908 to investigate the hydraulics of Mare Island Straits and approaches with a view to their suitable improvement. The carrying out of this improvement should place the channel in condition to accommodate the largest battleship and thereby remove the last cause for criticism against the use and development of the Mare Island Navy Yard.

The appropriation for the collier and the appropriations for improving the channel leading to Mare Island and also increasing the navigability of Mare Island Straits were not easily secured. The determination of the Administration to limit the expenditures allowed by the 61st Congress made unusually difficult the work of securing the very large appropriations indispensable to the economical, though very large expenditures involved in the proper development in the naval station facilities.

WILLIAM M. BUNKER,
Representative in Washington, D. C., of the Chamber of Commerce of San Francisco.

OCEAN COMMERCE OF THE PORT OF SAN FRANCISCO

The aggregate ocean commerce of the port of San Francisco, exclusive of coastwise trade, during the past four years, is as follows:

	1910	1909	1908	1907
Exports	$ 65,008,518	$ 57,221,596	$ 48,464,161	$ 46,571,790
Imports	50,669,435	51,469,023	44,403,197	54,207,011
Total Trade	$115,677,953	$108,690,619	$ 92,867,358	$100,778,801

METHODS ADOPTED TO SECURE CO-OPERATION

A letter has been received by the Chamber of Commerce of San Francisco from A. H. Baldwin, Chief of the Bureau of Manufactures of the Department of Commerce and Labor, Washington, D. C., in which attention is called to the methods used abroad to secure co-operation between foreign governments and commercial and industrial organizations for the extension of commerce. Mr. Baldwin writes as follows:

"The advantages that result from such co-operation are obvious and the attention of your organization is invited to the contents of a bulletin entitled 'Export Trade Exploitation,' and to the desirability of establishing similar close relations between the various organizations in the United States promoting commerce and the Government departments charged with the duty of fostering industries and trade."

As will be observed in the columns of the "Chamber of Commerce Journal" in this, the initial number, this Chamber has already established relations with a very large number of commercial bodies in Europe, Asia, Africa, Australia and all portions of the western hemisphere. The attention of readers is invited to the long and impressive list of our correspondents that is printed on another page.

This Chamber has, through many years, and in its capacity of promoter of the commerce of this Port, placed itself in communication with hundreds of commercial organizations. Friendly relations have been invited and maintained. The basis of co-operation has thus been established by this body, which is now in a better position to assist the commerce of the Pacific Coast than at any previous time. Some extracts from the Bulletin on "Export Trade Exploitation" are published in this issue.

COMPULSORY PILOTAGE AT NEW YORK CONSIDERED

The Chamber of Commerce of the State of New York recently memorialized the New York Legislature opposing the proposed abolishment of compulsory pilotage at the Port of New York and set forth that:

"The size of the vessels entering New York Harbor is increasing and there is a corresponding increase resting upon pilots and in the damage which might be caused by an error of navigation. This circumstance makes it the more important that no steps shall now be taken which may impair the efficiency of our pilotage system. The State of New Jersey, which contains a considerable number of the Sandy Hook pilots, has a system of compulsory pilotage. Serious confusion and difficulty would result from the adoption of a different system by the State of New York."

SAN FRANCISCO'S BANK CLEARINGS SINCE 1905

The total Clearings and Balances for a series of years and average daily Clearing for each year are as follows:

Year	Clearings	Balances	Days	Average Daily Clearing
1905	$1,831,549,788.51	$187,250,604.74	301	$6,034,703.25
1906	1,998,400,779.06	217,625,954.70	288	6,938,891.59
1907	2,133,882,625.80	209,800,867.05	304	7,019,350.74
1908	1,757,151,850.08	179,197,342.26	304	5,780,071.87
1909	1,979,872,570.06	189,659,255.01	303	6,534,232.90
1910	2,323,772,870.99	241,739,242.93	301	7,720,175.65

CALIFORNIA ORANGES IN GREAT BRITAIN

(From Consul Homer M. Byington, Bristol.)

Concerning the importations of oranges into Great Britain, the following extract from a London paper on California oranges is of some interest:

Of California seedless oranges there is an insufficient supply. Having sent enough wherewith to whet the public appetite, the Californians, for some reason best known to themselves, have kept the English market very short of oranges. If they but knew it, this is the surest way to kill the demand for their fruit in England, for, one kind being unobtainable, consumers try others, and, being satisfied with them, will not revert to the use of American fruit when trans-Atlantic shippers think fit to honor these shores with a share of their produce. As a rule, Americans are very thorough in their methods, and, having once assailed a market, stick to it at all times; but so far as oranges are concerned they have yet to learn the advantages of regularity in supply.

This is a pity so far as California oranges are concerned, for the fruit is certainly worthy of regular support. It is of fine size and delicate aroma, and especially popular on account of an entire absence of pips. Although somewhat high in price, it must be borne in mind that a California orange is quite sufficient for two people. It is particularly adaptable for dessert, as the pulp can be removed with a spoon, and gracefulness at table is a most important feature nowadays.

PROGRESS ON THE PANAMA CANAL

(From the Canal Record of March 8, 1911.)

The Canal at the Pacific entrance is completed from deep water to a point opposite the Panama railroad wharf at Balboa, a distance of about five miles, and apart from the removal by the suction dredge *Culebra* of a few loads of fill each month, there is no further dredging to be done in that section. The open water channel continues inland for a distance of about three miles from the Balboa wharf, and in this part of the Canal three of the dredges are now working. The depth of the channel varies from 30 to 45 feet at mean tide, and certain sections of it have been excavated to its final width of 500 feet. Considerable work, however, remains to be done on the west bank, where several rock patches project into the channel, and these are being drilled and mined preparatory to their removal by the dredges. The dredging work on the American Canal in the Pacific Division was begun in January, 1907, and up to March 1, 1911, a total of 26,581,119 cubic yards had been excavated.

In the Atlantic entrance to the Canal the channel is completed to its full width of 500 feet as far as the French canal, which is five miles and 2438 feet inland from deep water in Limon Bay. The channel is 40 feet deep to a point 3900 feet from deep water, 35 feet to a point three miles inland, 30 feet deep to a point four miles and 800 feet inland, and 20 feet deep as far as the French canal. The amount of material to be excavated in this section is 30,600,000 cubic yards of earth, including fill, and 3,800,000 cubic yards of rock. On March 1, 20,175,000 cubic yards of earth had been taken out, and 2,250,000 cubic yards of rock, the earth excavation being 66 per cent, and the rock 59 per cent completed.

The grand total of canal excavation to March 1 was 131,829,436 cubic yards, leaving to be excavated 50,708,330 cubic yards.

NATIONAL EXPORTS AND IMPORTS AND TRADE BALANCES SHOWN

The Chamber of Commerce of the State of New York has submitted, in its annual report, the following concise foreign commerce exhibit of the United States for the calendar years 1910, 1909 and 1908 and also an exhibt of the balance of trade for the calendar years 1910, 1909, 1908, 1907 and 1906.

FOREIGN COMMERCE EXHIBIT.

Calendar Years 1910, 1909, 1908.

The total value of imports and exports of the United States during the calendar year ending December 31, 1910, compared with the two preceding years was as follows:

	1910	1909	1908
Imports of Merchandise	$1,562,807,622	$1,475,520,205	$1,116,374,087
Imports of Gold and Silver.	105,099,646	90,274,668	92,500,423
Exports of Merchandise	1,864,411,270	1,728,198,645	1,752,835,447
Exports of Gold and Silver.	116,134,083	190,473,130	133,053,127
Total Imports and Exports.	$3,648,452,621	$3,484,466,648	$3,094,763,084
Increase in 1910			$163,985,973
Increase in 1909			389,703,564
Decrease in 1908			457,984,920

BALANCE OF TRADE.

Calendar Years 1910, 1909, 1908, 1907, 1906.

The following table shows for each of the last five calendar years (ending December 31st) the excess of merchandise and of silver exports, stated separately, and of the excess of merchandise and silver exports combined, as well as the excess of gold imports or exports. An examination of this table reveals the balance of trade. In the past five years, the United States has enjoyed an excess of merchandise and silver exports amounting to $2,233,684,213. In the same time, it has received a balance of $77,767,291 gold imports in excess of its exports of gold. The difference between this excess of gold imports and the excess of merchandise and silver exports, amounting to $2,155,916,922 represents the invisible items in foreign exchange.

	Excess of Merchandise Exports	Excess of Silver Exports	Excess Total Merchandise and Silver Exports	Excess of Gold Imports or Exports	
				Exports	Imports
1910	$ 301,603,648	$ 11,482,133	$ 313,085,781		$ 447,696
1909	252,677,921	11,404,607	264,082,528	$88,703,855	
1908	636,461,360	9,613,541	646,074,901	30,939,163	
1907	500,256,385	15,713,506	515,969,891		$8,182,391
1906	477,741,862	16,729,250	494,471,112		108,870,222
Five years.	$2,168,741,176	$ 64,943,037	$2,233,684,213		
Five years excess merchandise and silver exports					$2,233,684,213
Five years excess gold imports					77,767,291
					$2,155,916,922

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency — 733 Merchants Exchange.
Green, J. Chas. Company — Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co. — 530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co. — 576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co. — 874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc. — 542-546 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.) — 1460 Market St.
Leavitt, J. W. & Co. — 301 Golden Gate Ave.
Pioneer Automobile Co. — 515 Van Ness Ave.
The Pierce Arrow Sales Company — 330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works — 384 Second St.

BAGS.

Bemis Bros. Bag Co. — Sansome & Vallejo Sts.
Plummer, W. A. — 37 Front St.

BANKS AND BANKERS.

The American National Bank of San Francisco — Merchants Exch. Bldg.
The Bank of California (National Association) — 400 California St.
The Anglo-California Trust Co. — 16th & Mission Sts.
The Anglo & London Paris National Bank — NW cor Sutter & Sansome.
The Bank of British North America — 264 California St.
Bank of Italy — 552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California — 325 Clunie Bldg.
Canadian Bank of Commerce — SE cor California & Sansome Sts.
Canton Bank — 653 Kearny St.
Crocker National Bank — Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co. — 100 Montgomery St.
First National Bank of San Francisco — NW cor Post & Montgomery Sts.
French-American Bank — 108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd. — 415 Sansome St.
German Savings & Loan Society — 526 California St.
Halsey, N. W. & Co. (Bankers and Brokers) — 424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation) — 411 Montgomery St.
Heilman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco) — 2 Montgomery St.
Humboldt Savings Bank — 783 Market St.
International Banking Corporation — 200 Montgomery St.
Italian-American Bank — 160 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society — Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank — 100 Market St.
McNear Geo. P. — Petaluma, Cal.
Mercantile National Bank of San Francisco — 464 California St.
Metropolis Trust & Savings Bank — Market & New Montgomery.
Meyer, Daniel, Banker — 241 Pine St.
The Mission Bank — 16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank — Phelan Bldg.
Portuguese American Bank — SW cor Clay & Front Sts.
San Francisco Savings Union — NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco — 46 Market St.
Security Savings Bank — 316 Montgomery St.
Sutro, Chas., Banker and Broker — 412 Montgomery St.
Wells Fargo-Nevada National Bank — 4 Montgomery St.
Western National Bank of San Francisco — Market & Powell Sts.

BASKETS.

Weston Basket & Barrel Co. — 3rd & Berry Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co. — 317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co. — 30-32 Fremont St
Degen, L. P. Belting Co. — 260 Mission St.
Pacific Coast Rubber Co. — 416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John — 18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works — Main & Folsom.

BOLTS.

Payne's Bolt Works — 133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co. — 557 Mission St.
Buckingham & Hecht — SW cor 2nd & Mission.
Nolan-Earl Shoe Co. — 727-29 Mission St.
Williams-Marvin Co. — 25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co. — Albany Block, Oakland.

BRASS GOODS.

Garratt, W. T. & Co.. ..... 299 Fremont St.

BREWERIES.

Nunan, Matthew..... 1241-67 Howard St.
San Francisco Breweries, Ltd..... 240 Second St.
Union Brewing & Malting Co..... 18th & Florida Sts.
Wilson Distilling Co. ..... 203 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co..... 259 Russ Bldg.
Clark, N. & Sons..... 19 Spear St.
Gladding, McBean & Co..... 311 Crocker Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co..... 544 Sansome St.
Mayhew, F. E. & Co..... 510 Battery St.
Swayne, Hoyt & Co... ..... 412-14 Battery St.
St. John, Chauncey M..... 510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co... ..... 300 Sansome St.
Barth, J. & Co..... 480 California St.
Brown, Walker, Simmons Co..... 612 Crocker Bldg.
Houseworth, F. A. ..... 615 Chronicle Bldg.
Pollitz, Edward & Co..... 419 California St.
Raiss, Carl ..... 310 Sansome St.
Rollins, E. H. & Sons..... 1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan)..... 433 California St.
Wilson, J. C..... Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association..... Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company..... 59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co..... 1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company..... 1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co..... 19th & Bryant Sts.

CANNED GOODS.

Armsby, J. K. Co..... 627 Howard St.
California Canneries Company..... 600 Minnesota St.
California Fruit Canners' Association..... 120 Market St.
Golden State Asparagus Co..... 16 California St.
Griffith-Durney Co..... 1 Drumm St.
Hunt Bros. Co..... 112 Market St.
Long Syrup Refining Co..... 16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co..... 440 Montgomery St.
Brenner, Gustave..... 2286 Jackson St.
Coleman, Edward ..... 1701 Franklin St.
De Sabla, Eugene J..... Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela)..... 1304 Merchants Exch.
Eastland, Thomas B..... 1304 Merchants Exch.
Flood, James L. ..... 208 Flood Bldg.
Foster, A. W..... 1210 Flood Bldg.
Greenebaum, M..... 740 Mission St.
Hopkins, E. W..... 354 Pine St.
Kohl, C. Frederick..... Kohl Bldg.
Law, Herbert E..... 500 Monadnock Bldg.
McCreery, Andrew B..... 221 Sansome St.
Spreckels, Rudolph..... 1st National Bank Bldg.
Williams, Hon. A. P..... Fairmont Hotel.
Whitney, J. Parker..... 133 Geary St.
Whittell, George..... 166 Geary St.
Worden, Clinton E..... 1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. ..... 2198 Geary St.

CARPETS (SEE FURNITURE.)

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M..... 201 Montgomery St.
Boskowitz, Frank..... 63 California St.
Ehrman Bros. & Co..... 134 Front St.
M. A. Gunst & Co..... 201 California St.
Whitaker, G. W. (The John Bollman Co.)..... 331 Battery St.
Wolf, Edward Company..... 161-7 California St.

CIRCULAR DISTRIBUTORS.

Weil, Wm. M. ..... 27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D..... 910 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co..... 311 Crocker Bldg.

CLOTHIERS.

Roos Bros. ..... Market at Stockton St.

CLOTHING MANUFACTURERS.

Eloesser-Heynemann Co.... ..... 77-87 Battery St.

COAL (WHOLESALE.)

R. Dunsmuir's Sons Co..... 340 Steuart St.
Pacific Coast Coal Co..... 340 Steuart St.
Smellie, Wm.. ..... Russ Bldg.
Smith, James B. (Western Fuel Co.)..... 430 California St.
Stafford, W. G. & Co..... 234 Steuart St.
Western Fuel Co..... 430 California St.
Moore, J. J. & Co..... 225 Pine St.

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co... ..... 126 Mission St.
Caswell, Geo. W. Co. ..... 530 Folsom St.
Folger, J. A. & Co..... Howard & Spear Sts.
Hills Bros. ..... 175 Fremont St.
Jones, Paddock Co..... 228-230 Fremont St.
Schilling, A. & Co..... 2nd & Folsom Sts.
Siegfried, J. C. & Co..... 268 Market St.
Tyler, S. H. & Son..... 147 Sacramento St.

COMMISSION MERCHANTS.

Everding, J. & Co..... 80-82 Clay St.
Galli, A., Fruit Co. ..... 292 Washington St.
Garcia & Maggini Co..... 302 Drumm St.
Hammer & Co..... 310 Clay St.
Jacobs, Malcolm & Burtt, Inc..... 255 Drumm St.
Spohn, John H. Co. ..... 49 Main St.

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co..... 57 Post St.

CONTRACTORS.

Chadwick & Sykes, Inc. ..... 418 Crocker Bldg.
Church, D. O. ..... 555 Tenth St.
City Street Improvement Co..... Merchants Exchange.
Healy-Tibbitts Construction Co..... 268 Market St.
Hicks, Lewis A. Company..... 662 Humboldt Bk. Bldg.
Mahony Brothers..... Crocker Bldg.
Malley, Edward..... 1381 McAllister.
Smith, Rice & Company..... 118 Howard St.
San Francisco Bridge Co..... 865 Monadnock Bldg.
Thomson Bridge Co..... 103 Main St.
Whitley, Henry A. ..... 456 Mills Bldg.

COOPERAGE.

California Barrel Co... ..... 509 Monadnock Bldg.
Koster, John A. (California Barrel Co.)..... 509 Monadnock Bldg.
Weston Basket & Barrel Co..... 3rd & Berry Sts.

CORDAGE.

Tubbs Cordage Co. ..... Kohl Bldg.

CORNICE WORKS.

Forderer Cornice Works..... 269 Potrero Ave.

COTTON MILLS.

California Cotton Mills Co..... 310 California St.

CRACKERS.

Standard Biscuit Co..... NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) ..... 815 Battery St.

CREAMERIES.

Isleton Butter Company..... 53-57 California St.

CROCKERY AND GLASSWARE.

Schloss, Ben..... 17 Beale St.
Nathan-Dohrmann Company..... SW cor Geary & Stockton

DAIRIES.

Columbia Dairy (Col. Geo. H. Pippy)..... 231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The..... 43-49 Main St.

DRAYING.

McNab & Smith..... 40 Davis St.
Overland Freight Transfer Co..... 35 Second St.

DRIED FRUITS.

California Fruit Canners' Association.. ..... 120 Market St.
Castle Brothers..... 149 California St.
Griffin & Skelley Co..... 16 California St.
Guggenhime & Co..... 100 California St.
Inderrieden, J. B. Co..... 112 Market St.
Madison & Bonner..... 112 Market St.
Phoenix Packing Co..... 16 California St.
Rosenberg Bros. & Co..... 153 California St.

DRUGS AND CHEMICALS.

Braun, Knecht, Heimann Co..... 576 Mission St.
Collin-Redington Co. ..... 35 Second St.
General Chemical Co. of California ..... 657 Mills Bldg.
Langley & Michaels Co..... 58 First St.
Eli, Lilly & Co..... 50 First St.
Serwe & Prien Co..... 404 Mission St.
Scott & Gilbert Co..... 15 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspeil, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Chas. C. Moore & Co., Engineers, Inc.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....Mer. Exch. Bldg.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....1018 Merchants Exch.
Moore-Ferguson Co.....244 California St.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....661 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kalisher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Snook, James A. & Company.....247 Davis St.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Steuart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....726 Market St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.)..Shreve Bldg
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.)..268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....705 Sansome St.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St
Havre, J. B.....1019 Kohl Bldg
Kutner, Goldstein Co.....408 Merchants Exchange.
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St.
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange
Otis, McAllister & Co.....310 California St.
Parrott & Co.....320 California St
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg
Sherwood & Sherwood.....41-47 Beale St
Tetzen, Ch. & Co., Inc.....518 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 201 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 414 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 126 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V. ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Risdon Iron Works ..... 503 Market St.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Woods & Huddart ..... 356 Market St.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 246 Mission St.
Ciocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Baas Co. ..... 535 Folsom St.
Naber, Alfs & Brune ..... 325 Mission St.
Pascal, Dubeilat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1844 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 11 Drumm St.
Taussig, Louis & Co. ..... Main & Mission Sts.
Vignier Ami, Inc. ..... 605 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 6th & Channel Sts.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... Lombard & Montgy. Sts.
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 2401 San Jose Ave.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Comiocreial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 657 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White Bros., Inc. ..... 5th & Brannan Sts.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. E. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Henshaw, Bulkley & Co. ..... 19-21 Fremont St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Lundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John B. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 791-793 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works. ..... 153-59 First St.
John Finn Metal Works ..... 384 Second St.

MINING.

Belshaw, C. M. ..... 1104 Humboldt Bk. Bldg.
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 409 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville.....1001-8 Balboa Bldg.
Bonny Bruce.....
Bunker, William M.....1339 Merchants Exch.
Crocker, Henry J.....West Coast Life Bldg.
Cutting Packing Co.....510 Kohl Bldg.
Dean, W. E.....905 Kohl Bldg.
Dieriex, A. D.....268 Market St.
Earl D. W.....307 Crocker Bldg.
Eldredge, Zoeth S.....2621 Devisadero St.
Gray, G. F.....610 Wells Fargo Bldg.
Greenewald, O. H.....Alaska Commercial Bldg.
Howard, H. Z.....3739 Clay St.
Lemon, Arthur.....3462 19th St.
Lester, Herrick & Herrick.....404 Merchants Exchange.
Lilienthal, E. R.....Alaska Commercial Bldg.
Lindsey, M. G.....268 Market St.
Loveland, H. D.....759-767 Monadnock Bldg.
Maybeck, B. R.....Room 426, No. 35 Montgomery St.
McDougall, C. C.....235 Montgomery St.
McLaren, Goode & Co.....519 California St.
McLaughlin Co., The.....345 Pine St.
Metcalfe, J.....454 California St.
Miller, J. R.....Lick Bldg.
Ralston, A. J.....C/o Berkeley Inn, Berkeley, Cal.
Reid Bros.....Call Bldg.
Smith, Arthur A.....2501 Steiner St.
Sperry, Geo. B.....2555 Larkin St.
Tillmann, F., Jr.....8 Pine St.
Ward, Clarence.....Alaska Commercial Bldg.
Wheeler, Wm. R.....Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co.....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau).....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager.....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin").....767 Market St.
De Young, Charles, San Francisco "Chronicle".....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle").....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker".....451 Montgomery St.

OILS.

Associated Oil Co.....728 Wells Fargo Bldg.
Baker, John, Jr., Claremont Oil Co.....Crocker Bldg.
Morshead, Stanley W.....255 Kohl Bldg.
Sesnon Oil Company.....928 Monadnock Bldg.
Standard Oil Co.....461 Market St.
Union Oil Co. of California.....201 Mills Bldg.
Valvoline Oil Co.....440 Brannan St.

OPTICIANS.

California Optical Co.....181 Post St.

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co.....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co.....816 Mission St.
Clinch, C. G. & Co.....156 King St.
Fuller, W. P. & Co.....Beale & Mission Sts.
Paraffine Paint Company, The.....34 First St.
Whittier, W. F.....301 Howard St.

PAPER.

Blake, Moffitt & Towne.....1400 Fourth St.
California Paper & Board Mills.....310 California St.
Everett Pulp & Paper Company.....244 California St.
Fleishhacker, A. & Co.....134 Fremont St.
Pacific Coast Paper Co.....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co.....Alaska Commercial Bldg.
Williar, H. R.....260 California St.
Zellerbach Paper Co.....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co.....134 Fremont St.

PAVING.

City Street Improvement Co.....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California.....444 Market St.

PLATING WORKS.

Denniston, E. G.....1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company.....First & Howard Sts.
Dalziel, Moller Co.....543 Mission St.
Lally Company.....First & Folsom Sts.
Tay, George H. Co.....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey.....522 Sacramento St.

POTTERY AND TERRA COTTA.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works.....Mills Bldg.

POWDER.

Du Pont de Nemours Powder Co., E. I.....Chronicle Bldg.
The Giant Powder Co., Con.....202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company.....Shreve Bldg.
Mack, Adolph, President City Electric Co.....350 Mills Bldg
Martin, John, President Coast Counties Light & Power Co.....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation.....519 California St.
San Francisco Gas & Electric Co.....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company.....251 Bush St.
Neal, George F. (Neal Publishing Co.).....66 Fremont St.
Pacific Manifolding Book Co.....268 Market St.
Shannon-Conmy Printing Co.....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co.....36-48 Spear St.
Hilmer, Fred L. Company.....SW cor Davis & Sacramento Sts.
Isleton Butter Company.....53-57 California St.
Levy, Schweitzer & Co.....1412 Bush St.
Miller & Lux, Inc.....1314 Merchants Exch.
Roth, Blum & Co.....24 California St.
Swift & Co.....Davis & Pacific Sts.
South San Francisco Packing & Provision Co.....407-13 Front St.
Western Meat Co.....6th & Townsend Sts.
Willits & Patterson.....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co.....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co.....71 First St.
Orenstein-Arthur-Koppel Co.....419 Chronicle Bldg

REAL ESTATE DEALERS.

Aronson Realty Co.....160 Sutter St.
Boyd, John F.....255 California St.
Harrigan, Weidenmuller & Rosenstirn.....345 Montgomery St.
Hecht Investment Co.....706 Kohl Bldg.
Hechtman, A. J.....503 Kohl Bldg.
Holmes Investment Co., The.....68 Post St.
Hooker, Robert G.....Hooker & Lent Bldg
Lent, George H.....Hooker & Lent Bldg.
Lyon & Hoag.....636 Market St.
Magee, Thomas & Sons.....5 Montgomery St.
McGaw, John & Co.....232 Montgomery St.
Mann, Clarence M.....282 Bush St
Martin, Peter D.....First Natl. Bank Bldg.
Martin, Walter S.....702 Call Bldg.
Parkside Realty Co. of San Francisco.....409 Crocker Bldg
Shainwald, Buckbee & Co.....27 Montgomery St.
Sheldon, Willard M.....324 Crocker Bldg.
Speck, John H.....229 Montgomery St.
Umbsen, G. H. & Co.....20 Montgomery St.
Wooster, C. M.....702 Market St.
Wright, J. W. & Company.....Mills Bldg.

RICE.

Brown, A. A. Co.....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co.....9 Beale St.
Goodyear Rubber Co.....573-589 Market St.
Gorham Rubber Co.....50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co.....46 Sacramento St.
California Salt Co.....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc.....157-161 Main St.
California Saw Works.....721 Brannan St

SCALES.

Fairbanks, Morse & Co.....158 First St.

SEEDS.

Morse, C. C. & Co.....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co.....1460 Market St.

SHIP BROKERS.

Page Brothers.....310 California St.

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works.....Main & Howard Sts.
Risdon Iron Works.....Potrero.
Union Iron Works Co.....20th & Michigan Sts.
United Engineering Works.....254 Spear St
Vulcan Iron Works.....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis.....34-36 Steuart St
Hendry, C. J. Company.....64 Clay St.
Sellers & Madison Company.....94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway.....420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co. ..... Alaska Commercial Bldg.
Alexander & Baldwin ..... 310 Sansome St.
Balfour, Guthrie & Co. ..... 350 California St.
Barneson-Hibberd Co. ..... 149 California St.
Bates & Chesebrough ..... 418 Merch. Exch. Bldg.
Bennett & Goodall ..... 110 Market St.
Catton, Bell & Co. ..... 454 California St.
Chapman, J. F. & Co. ..... 110 Market St.
Chesebrough, A. ..... Alaska Commercial Bldg.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. ..... 255 California St.
Dimond, E. R. ..... Alaska Commercial Bldg.
Dollar, Robert ..... 160 California St.
Eschen & Minor ..... 24 California St.
Grace, W. R. & Co. ..... 612 California St.
Gray, Geo. D. ..... 110 Market St.
Gatte, I. (A Corporation) ..... 214 Front St.
Hackfeld, H. & Co., Ltd. ..... Alaska Commercial Bldg.
Hamberger, Polhemus Co. ..... 149 California St.
Herrmann, Geo., Company ..... 310 Sacramento St.
Hind, Rolph & Co. ..... 310 California St.
Hume, G. W. Company ..... 112 Market St.
Johnson-Locke Mercantile Co., The ..... 210 California St.
Kruse, Emil T. ..... 24 California St.
Leist, Chas. J. & Co. ..... 2835 Washington St.
McNear, G. W., Jr. ..... 280 Battery St.
Mailliard & Schmiedell ..... 300 Front St.
Maldonado & Co., Inc. ..... 268 Market St.
Mansfield, Lovell Co. ..... 112 Market St.
Mighell, Wm. F. ..... 442 Page St.
Moore, J. J. & Co. ..... 225-233 Pine St.
Newhall, H. M. & Co. ..... 110-114 Battery St.
Newman Bros. ..... 110 Market St.
Northern Commercial Co. ..... 310 Sansome St.
Orient Trade Co., Inc. ..... 244 California St.
Perkins, Geo. C. ..... 24 Market St.
Rosenfeld's, John Sons ..... 1024 Merchants Exch.
Spreckels, John D. ..... 90 Clay St.
Sewall, Oscar T. ..... Alaska Commercial Bldg.
Thayer, I. E. ..... 112 Market St.
Welch, A. P. ..... 244 California St.
Welch & Co. ..... 244 California St.

SILKS (Wholesale)

Clayburgh Brothers ..... 25-27 Sansome St.
Hart, R. & Bro. ..... 14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co. ..... 99 Folsom St.
Selby Smelting & Lead Co. ..... 804 Merchants Exchange.

SOAP.

Fishbeck Soap Co. ..... 17th & Rhode Island Sts.
The N. K. Fairbanks Co. ..... 211 Front St.
Los Angeles Soap Co., T. B. Warner, Manager ..... 250 Front St.
Peet Bros. Manufacturing Co. ..... 114 Market St.

SPORTING GOODS.

Golcher Bros. ..... 510 Market St.

STATIONERS.

Brown & Power Stationery Co. ..... 327-335 California St.
H. S. Crocker Company ..... 230-240 Brannan St.
Cunningham, Curtiss & Welch ..... 565 Market St.
Dixon, Fish & Co. ..... 205-7 California St.
Patrick & Company ..... 560 Market St.
Sanborn, Vail & Co. ..... 755-765 Mission St.
Schwabacher-Frey Stationery Co. ..... 210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co. ..... 217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. ..... 72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co. ..... 210 California St.

STOVES.

Brown, Chas. & Son ..... 871 Market St.
Holbrook, Merrill & Stetson ..... 6th & Townsend Sts.
Mangrum & Otter ..... 561-563 Mission St.
Montague, W. W. ..... 573 Market St.
Steiger & Kerr Stove & Foundry Co. ..... Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co. ..... Alaska Commercial Bldg.
Alexander & Baldwin, Ltd. ..... Alaska Commercial Bldg.
American Beet Sugar Co. ..... 16 California St.
Buck, John A., President Honolulu Plantation Co. ..... 268 Market St.
Brown, A. A. Co. ..... 251 California St.
California & Hawaiian Sugar Refining Company ..... 254 California St.
Hawaiian Commercial & Sugar Company ..... 405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. ..... 268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co. ..... 268 Market St.

SYRUP.

Long Syrup Refining Co. ..... 16th & Harrison Sts.
Pacific Coast Syrup Company ..... 713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company. ..... 62 Kearny St.

TANKS.

Pacific Tank & Pipe Co. ..... 318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co. ..... 210 Post St.
Pacific Telephone & Telegraph Co. ..... 210 Post St.
Postal Telegraph-Cable Co. ..... Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. ..... 210 Post St.
Western Union Telegraph Co. ..... SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co. ..... 126 Potrero Ave.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co. ..... 918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co. ..... 110 Montgomery St.

THREAD.

The Linen Thread Co. ..... 443 Mission St.

TOBACCO.

Heyneman, Herman ..... 325-335 Davis St.
Schoenfeld, D. M. ..... Howard St. Wharf.
Whitaker, G. W., Vice-President The John Bollman Co. ..... 516-518 Washington St
..... 331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. ..... Mills Bldg
Alaska Pacific Steamship Co. ..... Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha ..... Metrop. Bk. Bldg.
Bissell, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry. ..... 673 Market St.
Buck, Walter E., Manager Associated Transportation Co. ..... 85 Second St.
California Transportation Co. ..... Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co. ..... 250 Powell St.
Clark, Warren D., American-Hawaiian Steamship Co. ..... Alaska Commercial Bldg.
Ebey, Harold H., Kosmos Line ..... 158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co. ..... 722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route ..... 32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. ..... 268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co. ..... 940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co. ..... 268 Market St.
Mullally, Thornwell, Asst. to President United Railroads ..... 85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry. ..... Mills Bldg.
Pacific Mail Steamship Co. ..... 384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry. ..... 673 Market St.
Pacific Coast Steamship Company ..... 112 Market St.
Pollard, Thomas, Pollard Steamship Co. ..... 244 California St.
Richmond Belt Ry. ..... 1st National Bank Bldg
Samuels, Frederick S. ..... 100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry. ..... Mills Bldg.
Sierra Railway Co. ..... 410 Crocker Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co. ..... 266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co. ..... Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co. ..... 820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California ..... Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co. ..... 26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B. ..... 160 Spear St.

WALL PAPER.

Uhl Bros. ..... 717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. ..... 1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co. ..... 310 California St.
Morse, I. H., Security Warehouse ..... 1691 Bush St.
Southern Pacific Milling Co. ..... Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co. ..... 310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. ..... 322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co. ..... Folsom & 16th Sts.
Roebling's, John A. Sons Co. ..... 624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co. ..... 31 Front St.

WOOL.

Bissinger & Co. ..... Jackson & Front Sts.
Hulme & Hart ..... 19th & Tennessee Sts.
Koshland, S. & Co. ..... 110 Market St.

WOOLENS.

Arnstein, Simon & Co. ..... 3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co. ..... 26 Mint Ave.

Chamber of Commerce Journal.

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CALIFORNIA'S COMMERCIAL OUTLOOK

BY WM. MATSON

San Francisco does business with every part of the world, and the commerce of the port has grown steadily, but the volume has been much less than it would have been with greater facilities for cheap transportation. With the opening of the Panama Canal, providing greater opportunities for commerce to all parts of the world by water transportation, past statistics will have little or no value, except as history. There is no way in which the probable growth during any future year or period can be calculated. For this reason, and considering the nearness in time of the actual operation of the Panama Canal, I believe a clearer view can be obtained by presenting the bare facts which are evident to all careful observers:

First: The geographical location of San Francisco is ideal. Practically surrounded by navigable water, and with a great land-locked harbor, the conditions for water transportation could not be improved upon. The Bay of San Francisco, which serves as its harbor, has been pointed out many times as being capable of sheltering and accommodating an almost unlimited number of ships at wharves and anchorage. The narrow passage which gives approach to the harbor has been well cared for by the Government in removing obstacles and creating a lighthouse system and defences that afford safety to shipping. At the outer end of this passage, generally known as the "Golden Gate," lies the open ocean.

Second: The commercial condition is ideal also. To San Francisco Bay come the waters of the two great rivers of California, the Sacramento and San Joaquin Rivers, and they drain great interior valleys of the State which are capable of supporting a population of millions of industrious persons. The fact that the products of California last year, the calendar year of 1910, which were placed on the market amounted in value to nearly $500,000,000, exclusive of manufactures and not including the products consumed at home, is a significant sign that San Francisco has a great location in regard to back country. Included in this valuation is 675,000 tons of fruit shipped out of the State for other markets.

Third: The commercial location of San Francisco as it relates to the outside world and including the many States of this Union, and all foreign lands, is also seen to be ideal. California has two immensely rich neighbors at the north in the States of Washington and Oregon, whose natural resources are vast and varied. The State is now connected to the East by several lines of transcontinental railroads, and the number is sure to increase. When the Panama Canal is put in operation, San Francisco will be brought thousands of miles nearer by water to all points in Europe, and also thousands of miles nearer for steamship lines to the Atlantic seaboard of the United States. When the markets of Europe and the Atlantic seaboard of the United States are thus brought closer by cheap water transportation, the demand for California products will be greatly increased; and the production of the State and the commerce of the port of San Francisco must necessarily increase to meet the demand. Under prevailing conditions, San Francisco is the next door neighbor, by sea, of China, Japan and the Orient, and the commerce being carried on with that part of the world would not be hindered by the opening up of additional avenues of trade.

Fourth: With the increase of commerce and production of the State will necessarily come a demand for all kinds of wares and manufactures, which will cause an industrial revolution in California. In this State are the greatest producing oil fields of the world, and as oil is a much cheaper and more efficient fuel than coal, and is much more economical and convenient to handle, this should serve to induce manufacturers to locate their plants in San Francisco, the point where shipment would be made to so many ports of foreign countries and the Eastern seaboard of the United States. This would furnish a great volume of manufactured goods to be shipped out of the port in addition to the increased supplies of fruits, wines, brandies, nuts, and other products for which California is now celebrated abroad.

Fifth: Direct immigration by sea will serve to build up the back country, and furnish labor for the growing trades and commerce which must necessarily come to San Francisco. European immigration has heretofore been almost entirely landed on the Atlantic seaboard of the United States, but after the opening of the Panama Canal a part of this immigration will undoubtedly come directly to the Pacific Coast through the canal and be landed at San Francisco.

California is the greatest gold producing, and also the greatest petroleum producing State in the Union. State Mineralogist Aubury estimates that the mineral production of California alone in the year 1911 will be $100,000,000. The State has great supplies of coal, iron, copper and many other minerals which are industrially valuable. These considerations of sources of commerce must also include Alaska with its great mineral resources and salmon fishing and canning industry, which trades largely with the port of San Francisco.

Sixth: With the opening of the Panama Canal and the great opportunities for trade and commerce which will be offered to all parts of the world, there is no way to compute the probable growth and development of San Francisco and the State of California, but it seems reasonable to predict that the annual increase will be much faster than in any preceding portion of its history since the phenomenal rush which characterized the early "gold days" of California, when San Francisco was the one great seaport sought by all comers to the Pacific Coast.

SHIPPING AND COMMISSION.

Alaska Commercial Co. ..... Alaska Commercial Bldg.
Alexander & Baldwin ..... 310 Sansome St.
Balfour, Guthrie & Co. ..... 350 California St.
Barneson-Hibberd Co. ..... 149 California St.
Bates & Chesebrough ..... 418 Merch. Exch. Bldg.
Bennett & Goodall ..... 110 Market St.
Catton, Bell & Co. ..... 454 California St.
Chapman, J. F. & Co. ..... 110 Market St.
Chesebrough, A. ..... Alaska Commercial Bldg.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. ..... 255 California St.
Dimond, E. R. ..... Alaska Commercial Bldg.
Dollar, Robert ..... 160 California St.
Eschen & Minor ..... 24 California St.
Grace, W. R. & Co. ..... 612 California St.
Gray, Geo. D. ..... 110 Market St.
Gutte, I. (A Corporation) ..... 214 Front St.
Hackfeld, H. & Co., Ltd. ..... Alaska Commercial Bldg.
Hamberger, Folhemus Co. ..... 119 California St.
Herrmann, Geo. Company ..... 310 Sacramento St.
Hind, Rolph & Co. ..... 310 California St.
Hulme, C. W. Company ..... 112 Market St.
Johnson-Locke Mercantile Co., The ..... 210 California St.
Kruse, Emil T. ..... 21 California St.
Leist, Chas. J. & Co. ..... 2835 Washington St.
McNear, G. W., Jr. ..... 280 Battery St.
Mailliard & Schmiedell ..... 300 Front St.
Maldonado & Co., Inc. ..... 268 Market St.
Mansfield, Lovell Co. ..... 112 Market St.
Mighell, Wm. E. ..... 412 Page St.
Moore, J. J. & Co. ..... 225-233 Pine St.
Nowhall, H. M. & Co. ..... 110-114 Battery St.
Newman Bros. ..... 110 Market St.
Northern Commercial Co. ..... 310 Sansome St.
Orient Trade Co., Inc. ..... 241 California St.
Perkins, Geo. C. ..... 24 Market St.
Rosenfeld's, John Sons ..... 1021 Merchants Exch.
Spreckels, John D. ..... 90 Clay St.
Sewall, Oscar T. ..... Alaska Commercial Bldg.
Thayer, I. E. ..... 112 Market St.
Welch, A. P. ..... 241 California St.
Welch & Co. ..... 241 California St.

SILKS (Wholesale)

Clayburgh Brothers ..... 25-27 Sansome St.
Hart, B. & Bro. ..... 14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co. ..... 99 Folsom St.
Selby Smelting & Lead Co. ..... 804 Merchants Exchange.

SOAP.

Fishbeck Soap Co. ..... 17th & Rhode Island Sts.
The N. K. Fairbanks Co. ..... 214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager ..... 250 Front St.
Peet Bros. Manufacturing Co. ..... 411 Market St.

SPORTING GOODS.

Golcher Bros. ..... 510 Market St.

STATIONERS.

Brown & Power Stationery Co. ..... 327-335 California St.
H. S. Crocker Company ..... 230-240 Brannan St.
Cunningham, Curtiss & Welch ..... 565 Market St.
Dixon, Fish & Co. ..... 205-7 California St.
Patrick & Company ..... 560 Market St.
Sanborn, Vail & Co. ..... 755-765 Mission St.
Schwabacher-Frey Stationery Co. ..... 210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co. ..... 217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. ..... 72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co. ..... 210 California St.

STOVES.

Brown, Chas. & Son ..... 871 Market St.
Holbrook, Merrill & Stetson ..... 6th & Townsend Sts.
Mangrum & Otter ..... 561-563 Mission St.
Montague, W. W. ..... 573 Market St.
Steiger & Kerr Stove & Foundry Co. ..... Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co. ..... Alaska Commercial Bldg.
Alexander & Baldwin, Ltd. ..... Alaska Commercial Bldg.
American Beet Sugar Co. ..... 16 California St.
Buck, John A., President Honolulu Plantation Co. ..... 268 Market St.
Brown, A. A. Co. ..... 254 California St.
California & Hawaiian Sugar Refining Company ..... 254 California St.
Hawaiian Commercial & Sugar Company ..... 405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. ..... 268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co. ..... 268 Market St.

SYRUP.

Long Syrup Refining Co. ..... 16th & Harrison Sts.
Pacific Coast Syrup Company ..... 713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company ..... 62 Kearny St.

TANKS.

Pacific Tank & Pipe Co. ..... 318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co. ..... 210 Post St.
Pacific Telephone & Telegraph Co. ..... 210 Post St.
Postal Telegraph-Cable Co. ..... Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. ..... 210 Post St.
Western Union Telegraph Co. ..... SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co. ..... 126 Potrero Ave.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co. ..... 918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co. ..... 410 Montgomery St.

THREAD.

The Linen Thread Co. ..... 413 Mission St.

TOBACCO.

Heyneman, Herman ..... 325-335 Davis St.
Schoenfeld, D. M. ..... 516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co. ..... 331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. ..... Mills Bldg.
Alaska Pacific Steamship Co. ..... Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha ..... Metrop. Bk. Bldg
Bissell, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry. ..... 673 Market St.
Buck, Walter E., Manager Associated Transportation Co. ..... 85 Second St.
California Transportation Co. ..... Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co. ..... 250 Powell St.
Clark, Warren D., American-Hawaiian Steamship Co. ..... Alaska Commercial Bldg.
Ehey, Harold H., Kosmos Line ..... 158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co. ..... 722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route ..... 32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. ..... 268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co. ..... 940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co. ..... 268 Market St.
Mullally, Thornwell, Asst. to President United Railroads ..... 85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry. ..... Mills Bldg.
Pacific Mail Steamship Co. ..... 384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry. ..... 673 Market St.
Pacific Coast Steamship Company ..... 112 Market St.
Pollard, Thomas, Pollard Steamship Co. ..... 244 California St.
Richmond Belt Ry. ..... 1st National Bank Bldg.
Samuels, Frederick S. ..... 100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry. ..... Mills Bldg.
Sierra Railway Co. ..... 410 Crocker Bldg.

TRUNKS AND TRAVELING BAGS.

Maim, C. A. & Co. ..... 266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co. ..... Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co. ..... 820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California ..... Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co. ..... 26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B. ..... 160 Spear St.

WALL PAPER.

Uhl Bros. ..... 717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. ..... 1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co. ..... 310 California St.
Morse, I. H., Security Warehouse ..... 1691 Bush St.
Southern Pacific Milling Co. ..... Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co. ..... 310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. ..... 322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co. ..... Folsom & 16th Sts
Roebling's, John A. Sons Co. ..... 624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co. ..... 31 Front St.

WOOL.

Bissinger & Co. ..... Jackson & Front Sts.
Hulme & Hart ..... 19th & Tennessee Sts.
Koshland, S. & Co. ..... 110 Market St.

WOOLENS.

Arnstein, Simon & Co. ..... 3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co. ..... 26 Mint Ave.

Chamber of Commerce Journal.

ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO, SAN FRANCISCO, CALIFORNIA

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CALIFORNIA'S COMMERCIAL OUTLOOK

BY WM. MATSON

San Francisco does business with every part of the world, and the commerce of the port has grown steadily, but the volume has been much less than it would have been with greater facilities for cheap transportation. With the opening of the Panama Canal, providing greater opportunities for commerce to all parts of the world by water transportation, past statistics will have little or no value, except as history. There is no way in which the probable growth during any future year or period can be calculated. For this reason, and considering the nearness in time of the actual operation of the Panama Canal, I believe a clearer view can be obtained by presenting the bare facts which are evident to all careful observers:

First: The geographical location of San Francisco is ideal. Practically surrounded by navigable water, and with a great land-locked harbor, the conditions for water transportation could not be improved upon. The Bay of San Francisco, which serves as its harbor, has been pointed out many times as being capable of sheltering and accommodating an almost unlimited number of ships at wharves and anchorage. The narrow passage which gives approach to the harbor has been well cared for by the Government in removing obstacles and creating a lighthouse system and defences that afford safety to shipping. At the outer end of this passage, generally known as the "Golden Gate," lies the open ocean.

Second: The commercial condition is ideal also. To San Francisco Bay come the waters of the two great rivers of California, the Sacramento and San Joaquin Rivers, and they drain great interior valleys of the State which are capable of supporting a population of millions of industrious persons. The fact that the products of California last year, the calendar year of 1910, which were placed on the market amounted in value to nearly $500,000,000, exclusive of manufactures and not including the products consumed at home, is a significant sign that San Francisco has a great location in regard to back country. Included in this valuation is 675,000 tons of fruit shipped out of the State for other markets.

Third: The commercial location of San Francisco as it relates to the outside world and including the many States of this Union, and all foreign lands, is also seen to be ideal. California has two immensely rich neighbors at the north in the States of Washington and Oregon, whose natural resources are vast and varied. The State is now connected to the East by several lines of transcontinental railroads, and the number is sure to increase. When the Panama Canal is put in operation, San Francisco will be brought thousands of miles nearer by water to all points in Europe, and also thousands of miles nearer for steamship lines to the Atlantic seaboard of the United States. When the markets of Europe and the Atlantic seaboard of the United States are thus brought closer by cheap water transportation, the demand for California products will be greatly increased; and the production of the State and the commerce of the port of San Francisco must necessarily increase to meet the demand. Under prevailing conditions, San Francisco is the next door neighbor, by sea, of China, Japan and the Orient, and the commerce being carried on with that part of the world would not be hindered by the opening up of additional avenues of trade.

Fourth: With the increase of commerce and production of the State will necessarily come a demand for all kinds of wares and manufactures, which will cause an industrial revolution in California. In this State are the greatest producing oil fields of the world, and as oil is a much cheaper and more efficient fuel than coal, and is much more economical and convenient to handle, this should serve to induce manufacturers to locate their plants in San Francisco, the point where shipment would be made to so many ports of foreign countries and the Eastern seaboard of the United States. This would furnish a great volume of manufactured goods to be shipped out of the port in addition to the increased supplies of fruits, wines, brandies, nuts, and other products for which California is now celebrated abroad.

Fifth: Direct immigration by sea will serve to build up the back country, and furnish labor for the growing trades and commerce which must necessarily come to San Francisco. European immigration has heretofore been almost entirely landed on the Atlantic seaboard of the United States, but after the opening of the Panama Canal a part of this immigration will undoubtedly come directly to the Pacific Coast through the canal and be landed at San Francisco.

California is the greatest gold producing, and also the greatest petroleum producing State in the Union. State Mineralogist Aubury estimates that the mineral production of California alone in the year 1911 will be $100,000,000. The State has great supplies of coal, iron, copper and many other minerals which are industrially valuable. These considerations of sources of commerce must also include Alaska with its great mineral resources and salmon fishing and canning industry, which trades largely with the port of San Francisco.

Sixth: With the opening of the Panama Canal and the great opportunities for trade and commerce which will be offered to all parts of the world, there is no way to compute the probable growth and development of San Francisco and the State of California, but it seems reasonable to predict that the annual increase will be much faster than in any preceding portion of its history since the phenomenal rush which characterized the early "gold days" of California, when San Francisco was the one great seaport sought by all comers to the Pacific Coast.

SUPPLIES FOR THE PANAMA CANAL ZONE

William M. Bunker, representative of the Chamber of Commerce at Washington, D. C., has made the following report concerning the important subject of supplies for the Panama Canal Zone, which is of especial interest in California:

I have the honor to offer the detailed report regarding California supplies for the Isthmian Canal Zone. The facts were obtained from Major Wendel L. Simpson, U. S. A., Assistant Purchasing Officer and Commissary Purchasing Agent, whose office is at the headquarters of the Panama Railroad Company, 24 State street, New York. My call on Major Simpson was at the instance of the Chamber and with a view to learning facts for the guidance of Californians interested in the food-stuff demand of the Canal Zone. As Purchasing Agent, Major Simpson, shapes the policy of the Commissary work. He was stationed in San Francisco in 1906 and by reason of his tour of duty in California is intimate with California products. The Subsistence Officer of the Commission is Major Eugene Wilson. He is stationed at Cristobal. He passes on the condition of food supplies arriving in the Zone.

The general stores business of the Commisison is unique. As a rule, in the case of army supplies at army stations, the army people take what the Subsistence Department furnishes. The Canal Zone supply system has a different policy. It involves catering to the tastes of the thirty or forty thousand government employees and the families living in the Zone and privileged to buy government stores. The great government store at Cristobal is in the broadest sense of the term a department store. Cristobal is practically a distributing station. From this point supplies are distributed through the Zone. In explaining the seeming inconsistencies in the purchase of supplies for Zone use the authorities say that they must be guided by the tastes of government employees. Otherwise the government would find itself holding unsalable stuff. At times the government has actually been forced to dispose of such stuff at figures below cost. The theory of the purchasing authorities is to buy popular supplies, for which there is a definite demand, experimenting only in such cases as definitely warrant an innovation.

California fruits in tins should be bought from California bidders. Usually such fruits are taken from California bidders. The only exception is where a New York house underbids Californians in the identical pack. These exceptions are infrequent. The tin fruits on this California list are peaches, pears, apricots, white cherries and grapes, all of which are in special favor with the Canal Zone people. The high grade of these fruits puts them in a class by themselves. In addition to the tinned fruits already named there are some California products in this class which are so much better than similar products offered by other sections of the country that they have attracted special attention. It has frequently happened, however, that when the purchasing agent has tried to secure additional supplies of the same brand and grade he has found that the pack was exhausted. Here are cases in point: A California blackberry packed under the brand "Griffon" is the best ever offered in the history of the Commissary office. Only one quarterly purchase was made because an early effort to make further purchases of the same goods signally failed. The office was notified that the pack was out. "Griffon" jams were also favorably received on the Isthmus. An attempt to secure jams of the same brand and grade failed. The pack was exhausted.

The Loganberry jam, another California product (name of brand not recalled) that proved popular with the Isthmian Zone consumers was not available on a second call, the pack having been exhausted.

The Canal Zone taste for apples has given rise to a great deal of discussion for the reason that the demand is almost exclusively for Eastern apples. California yields apples that are prized in Europe, Australia, New Zealand and elsewhere, and which bring the highest prices in the London market. The purchasing authorities of the Canal Commission freely admit these facts. They know that the apples of California are in special favor with the English and continentals. Why not such apples for the Canal Zone? Because, say the Canal Commission buyers, the Canal Zone people prefer the high grade Eastern apple that according to the buyers is a better and more enduring apple than that grown in California. The apples for the Zone are bought in the New York market. The Purchasing Officer has the pick of the shipments made to New York. He is notified when carloads of exceptionally fine apples have reached the city. He personally inspects these apples and buys what he knows will find a ready sale in the Canal Zone. His experience has satisfied him that the Eastern apple of high grade is the best apple for the tropics. His experience has also taught him that the Eastern apple is preferred by the people who buy their supplies at the Canal Zone store.

One explanation of the Commissary Purchasing Agent is of such vital importance that I present it exactly as given.

"We ship small quantities of the following Western fruits fresh, namely: cherries, plums, peaches and pears. These are shipped in season and when in prime condition. Heretofore we have not considered the shipment of these fruits from San Francisco but have shipped from New York or New Orleans, principally for two reasons: One, that they should reach their destination in six days; the other, that an experienced officer should pass upon such fruit and determine whether in proper condition for shipment to the tropics. These shipments have been too small to consider as separate items from San Francisco. Even with the improved service it would require fifteen (15) days to the Isthmus and then railroad transportation to our cold storage. Besides this, it is doubtful whether any steamship company would be willing to take the small shipments we send and keep the temperature down in cold storage boxes for this and this only. From New York these small shipments of fruit go in with other vegetables and fruit to make a complete box in our refrigeration."

The Pacific Coast quotations on onions and potatoes have not been acceptable for the reason that the purchasing authorities have always been able to buy onions and potatoes of equal quality for less money in New York and New Orleans.

The failure of San Francisco business men to secure proper recognition from the Isthmian Canal Commission was for years

due to inferior and wholly inadequate transportation facilities between San Francisco and the Isthmus. In the absence of the necessary transportation facilities San Francisco was made to appear unreasonably remote from the Canal Zone. This condition of affairs deprived San Francisco of Canal Zone patronage naturally belonging to that city. Artificial currents of trade operated against San Francisco. Contracts for supplies of California origin were awarded to bidders on the Atlantic seaboard or were shipped via the Atlantic seaboard, when they should have been sent direct from San Francisco to the Isthmus. Through new and direct service from San Francisco to the Isthmus the city has gained transportation facilities that should increase local trade with the Canal Zone. Those products of California and the other coast products that are available for Canal Zone use and which may be bought in the interest of the government in San Francisco should be bought at this point. There is no longer an excuse for the artificial currents of trade that ran counter to the interests of San Francisco merchants. The necessary steamship facilities exist, the necessary refrigeration facilities exist, and, given the proper prices, the Isthmian Canal Commission is bound to buy large quantities of Canal stores in the San Francisco market.

It would seem to be the duty of the Chamber to regularly supply the purchasing authorities of the Commission with information about the steamer sailings from San Francisco, the refrigerating facilities of these steamers, etc., and to make a point of emphasizing the importance and usefulness of the improved steamer connection between San Francisco and Balboa. The completion of the Canal will not diminish the population nor decrease the purchasing power of the Zone. This purchasing power is liable to an increase. The decision of the government to fortify the Canal in a large way means the employment not only of an army of laborers but also the use of a vast number of skilled workmen. The trade of the Zone is, therefore, a prize well worth struggling for.

BUYING AND TESTING OF FLOUR.

Mr. Bunker has also sent for general information a copy of a circular sent out by the purchasing department of the Panama Railroad Company, which explains the method of buying and testing flour for the Commissary department, as follows:

"For supplies on the Isthmus of Panama we have been buying high grade spring wheat flour. We do not buy on specifications, but upon the results of our own tests on the Isthmus. Our method of testing is briefly as follows:

"Any mill desiring to enter the contest for a strictly high grade flour, upon making such a desire known, we are willing to give it a trial order of 10 barrels at the price of our last purchase. This 10-barrel sample is run through our bakery and a careful record kept.

"If the quality of the bread is equal to that of standard flours being purchased, the 10-barrel sample is graded on the number of loaves and weight of bread produced. The test of quality and quantity being satisfactory, the flour is placed upon our tentative list and this particular mill is then eligible for a carload shipment, providing price warrants.

"The entire carload received is then run through our bakery under exactly the same conditions with other flours and a record kept.

"From this the grading is rectified and, if the flour comes within the limit of our Classes 1, 2 and 3, it is placed upon our list for competition.

"In the classification we differentiate 2½c per barrel, i. e., class 2 is worth 2½c per barrel more than class 3, and class 1 is worth 2½c per barrel more than class 2. All flours falling below class 3 we do not further consider.

"As an example of the flours on our list at the present time we will mention: Heeker-Jones-Jewell Milling Co.'s "Staten Island Best." Eagle Roller Mill Co.'s "Gold Coin." B. A. Eckhart Milling Co.'s "White Swan." "Pillsbury's Best." and Washburn-Crosby's "Gold Medal."

"The flours enumerated above are taken from all three classes of our list.

"Our tests are not a baker's test, but are conducted directly under the supervision of Major Eugene T. Wilson, U. S. A., subsistence office, Panama Railroad Co., at Colon, who has immediately under his direction a supervisor of bakers and bakeries.

"Our needs on the Isthmus run from 1500 to 2000 barrels per month at the present time.

"In calling for bids on flour we ask for prices f. o. b. New York or New Orleans, and buy about 1200 barrels at a time. We reserve the right, however, to award any part of this 1200 to a mill, but in making such awards we usually give even carload lots.

"Flour shall be packed in new tight barrels—no paper to be used, each barrel to have both heads cross-cleated and a ¾-inch strip of hoop iron nailed to the cleat and extending down at least six inches on each side of the barrel. Each barrel to have six hoops—two at each head and two intermediate hoops.

"Barrels shall be plainly marked: 'Spring Wheat Patent.' "

MONEY FOR THE STARVING PEOPLE OF CHINA.

The following dispatch is published by the San Francisco Chronicle from its special correspondent in Washington:

Washington, April 20.—At this time the State Department has no suggestion to make with regard to the proposal of the San Francisco Chamber of Commerce that Congress appropriate money for the starving Chinese.

Flatly put, the Department does not approve, nor yet does it disapprove. The fact is, starvation in China is so nearly an ordinary condition that Secretary Knox cannot assent to a proposal that Congress shall be asked to deal with it as an extraordinary condition approximating that produced by a great fire.

The matter was laid before the Department by Representative Kahn, whom the Chamber had asked to introduce a bill if the officials of this Government deemed it expedient that anything of the kind should be done because of the attitude of the State Department. Kahn will not do anything—at least not until there is reason for him to change its present attitude.

[The total amount of money collected and sent to China by the Chamber of Commerce of San Francisco is $6925.25, which has been forwarded through the International Banking Corporation.]

The yield of California prunes in 1910 is estimated at 75,000,000 pounds, valued at $3,600,000.

CHAMBER OF COMMERCE JOURNAL

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SAN FRANCISCO, CALIFORNIA, MAY, 1911

CALIFORNIA'S CONTRIBUTIONS TO COMMERCE.

California is prepared to take a large part in commerce by reason of its own productions. These amounted in 1910 to near $500,000,000, including the production of minerals. A very interesting showing is made in the summary of the figures of production for 1910. Incidental to the large values indicated there is a hint of the great variety of native products which are an enduring asset. The character of many products supplies evidence of the climate of widely separated sections of the State. The present population is not more than one-fifth that which can be comfortably supported in California. When the number rises to 10,000,000 people, the annual output, which is now great, will reach enormous proportions.

All farm land values are increased by intelligent irrigation in California because the productions are multiplied many fold where there is enough water available to keep the soil moist during the dry months. Irrigation is widening its scope with much speed and this has induced tens of thousands of immigrants to settle in the State in the past few years, the forerunners of vast multitudes to come.

These are considerations of importance when the capacity for production is considered and help to forecast the future. They are to be counted upon in justice to the splendid possibilities of this fruitful State.

The subjoined table accounts practically only for the values of the products that were marketed in the year 1910, of which the greater part were sold outside of the State. There are no figures to show the great amounts used by the population of California in the year. Consumption by producers is not included except in regard to animals slaughtered. The data has been supplied by transportation lines, by dealers and by others in a position to know, as follows:

	Value	Total Values
Orchard Products—		
Fresh Deciduous Fruits	$15,479,200	
Citrus Fruits	32,790,000	
Dried Fruits, including Prunes	17,793,000	
Canned Fruits	10,000,000	
Olives and Olive Oil	2,200,000	
Nuts	3,375,000	
		$81,637,200
Vineyard Products—		
Table Grapes	4,452,200	
Raisins	4,640,000	
Wine and Brandy	25,500,000	
		34,592,200
Garden Products (Vegetables)—		
Fresh	5,775,000	
Canned	4,500,000	
		10,275,000
Dairy Products		28,259,909
Poultry Products	16,790,000	
Honey, Wax, etc	910,000	
		17,700,000
Farm Products—		
Barley	23,870,000	
Wheat	16,074,000	
Oats	4,162,000	
Corn	1,470,000	
Rye and other Grain	1,200,000	
		46,776,000
Grain and Grass Hay and Alfalfa		36,148,000
Hops	1,635,645	
Sugar Beet	4,496,490	
		6,132,135
Other Field Crops—		
Potatoes	6,840,000	
Potatoes, Sweet	420,000	
Beans	9,836,000	
Onions	3,428,000	
Seeds and Sundry Other	2,265,000	
Kaffir Corn, Broom Corn, etc	400,000	
Melons	1,650,000	
		24,839,000
Fish and Game		5,000,000
Forest Products—		
Lumber	18,050,000	
Shingles, Shakes, Laths, etc	1,800,000	
Ties—Tan Bark	2,250,000	
Poles, Piles, Mine Timbers, Staves	2,000,000	
Cordwood, etc	4,500,000	
Wood Pulp, Extract, etc	1,200,000	
		29,800,000
Farm Animals and Products—		
Increase*	15,944,000	
Slaughtered for market in cities	19,000,000	
Slaughtered in rural districts and towns	10,000,000	
Wool and Mohair, etc	2,200,000	
Hides, Tallow, etc	3,000,000	
		50,144,000
Sundry others not included above—		
Nursery Products	2,000,000	
Florist Products	800,000	
Fruits marketed in cities	9,500,000	
Vegetables marketed in cities	14,500,000	
Cider, Vinegar, etc	1,600,000	
		28,400,000
Minerals, including Petroleum ($45,000,000)		95,585,000
Grand Total		$495,288,444

*U. S. Government figures.

AMERICAN ASSOCIATION OF COMMERCE AND TRADE, BERLIN.

An invitation has been received from the American Association of Commerce and Trade, Berlin, through the Secretary of that organization, George S. Atwood, to write for information of interest to merchants and manufacturers concerning the introduction of goods and products into the German market. The address is 59 and 60 Friedrich-Strasse, Berlin.

California produced 6,250,000 pounds of figs in 1910.

CONVENTION LEAGUE WORK ENDORSED

In view of the excellent results secured by the San Francisco Convention League, the commercial organizations of this city have appointed committees of five members each to assist in raising funds and co-operating in all ways to promote a work that is of great and immediate importance. In 1910 the number of people brought into the city by the conventions secured by the League was 125,000 in round figures. Seventeen conventions have been secured for 1911 already and it is estimated that at least 250,000 people will be induced to visit San Francisco as a sequence of the good work done in this direction. In 1910 the money that came into the city through conventions was not less than $1,500,000 as estimated. The conventions announced for 1911 to date bring in $3,500,000 as estimated. For 1911 and 1912 the following conventions have been secured:

January 15-20—American Institute of Architects. Secretary, Glenn Brown, The Octagon, Washington, D. C.
February 14—National Purity Congress.
February 20-22—Western Retail Lumbermen's Association.
March—California Hardware Association.
March 10-12—California Y. M. C. A., San Francisco, Cal.
April 11-13—Knights of Maccabees.
April or May—Electrical Supply Jobbers' Association.
May 9-13—I. O. O. F.
May 17-19—Companions of the Forest, A. O. T.
May 23—Eclectic Medical Society of California.
June 20-27—International Sunday School Association.
July 8-14—National Educational Association.
August—International Typographical Union.
August 21-28—Fraternal Order of Eagles. Secretary, Conrad H. Mann, Kansas City, Mo.
September—State Humane Society.
September 19-23—American Association of Public Accountants. Secretary, T. Cullen Roberts, 56 Pine Street, New York.
October—American Humane Association.
October 3-8—California Grand Encampment, I. O. O. F. Secretary, Wm. H. Barnes, I. O. O. F. Hall, San Francisco.
October 13—State Convention Postmasters, Fourth Class. Care Postmaster, San Francisco.
December—American Seamen's Union.

1912.

June—General Federation of Women's Clubs.
International Stereotypers' and Electrotypers' Association

A circular letter has been issued, which is as follows:

To the Merchants and Business Men of San Francisco:

The San Francisco Convention League, which is in fact a bureau of the commercial organizations of San Francisco, is organized for the purpose of bringing conventions and large gatherings to San Francisco, thereby advertising our city and State, increasing the population and the business of its merchants.

It is the desire of the commercial organizations of San Francisco to increase the membership of the League so as to provide funds enough to take care of all conventions that come to the city, and the merchant thereby will contribute to the Convention League only for these purposes, and be saved the annoyance of being continually solicited for funds from different organizations and committees, the merits of which he is often unable to determine.

We hereby heartily endorse the work of the League, and urge upon every merchant, property owner and business man of San Francisco the importance of their giving this work their hearty support by taking a membership in the San Francisco Convention League in proportion to their means.

Yours truly,
JAMES ROLPH,
President Merchants' Exchange.
M. H. ROBBINS, JR.,
President Merchants' Association.
WM. MATSON,
President Chamber of Commerce.
GEO. D. TOY,
President S. F. Real Estate Board.
FRED. C. PARKER,
President Home Industry League.
HORACE H. ALLEN,
President Down Town Association.

William B. Pringle, the attorney and real estate man, has been elected President, with Paul T. Carroll, First Vice-President, and Robert A. Roos, Second Vice-President.

CONCISE ITEMS RELATING TO COMMERCE

LIST OF MEMBERS SENT TO AMERICAN CHAMBER OF COMMERCE IN PARIS.

The following is a part of a letter that has been received by the Chamber of Commerce of San Francisco from Frank Boole, Secretary of the American Chamber of Commerce in Paris:

"We are constantly being asked for the names and addresses of manufacturers of a given article in the United States and have a great deal of trouble furnishing accurate information in reply, in the case of some of our large cities; in some instances we are unable to reply at all, which means one chance lost for a home business enterprise to increase its export trade."

In response a copy of the CHAMBER OF COMMERCE JOURNAL has been sent to Mr. Boole in Paris, containing the classified list of members of this Chamber, who represent many lines of industry, and he has been notified that one of the special features of the JOURNAL will be this classified list, which will be of value to foreign buyers and sellers.

FORMING A BRITISH TRADE ASSOCIATION.

Consul General John P. Bray reports the formation of a British trade association at Sydney, N. S. W., with the object of promoting trade with the mother country. Hamilton Wicks, British trade commissioner, is extending the organization in all the leading cities of Australasia.

NOTICES FROM FRENCH CONSULATE GENERAL.

Two interesting notices have been forwarded to the Chamber from the local Consulate General of France. One of these announces that an international exhibition of water culture, fish culture, oyster culture, fishing and manufactures related to water will be held in Paris this year toward which the French Government is favorably disposed. The other is as follows:

"The Office National du Commerce, under the supervision of the Ministry of Commerce and Industry, has established in Paris, at Rue Feydeau, No. 3, an index indicating precisely the French manufacturers and producers desiring to export their articles on the foreign markets. This index indicates also the French firms which are looking for agents of good financial standing and respectability abroad. The buyers or the agents, who have not regular contractors in France, and who wish to get the names and addresses of manufacturers and producers susceptible of furnishing them with a determined article, may apply, by correspondence, to the Office National du Commerce Exterieur. The buyers or agents abroad or in the colonies, when they go to France, may also apply at the office 3 Rue Feydeau, Paris, in order to obtain, directly and indirectly, and without cost, the trade indicator."

PAPERS OF COAST COMMEND JOURNAL

[The first number of the "Chamber of Commerce Journal" has been well received by the newspapers of the coast. Some editorial comments from publications representative of various sections are reproduced below. In several instances abbreviation has been adopted to save space.]

A PUBLICATION WHICH MEANS MUCH TO COUNTY.

(From the Grass Valley Union.)

The San Francisco Chamber of Commerce, the pioneer industrial body of this Coast, has commenced the publication of the CHAMBER OF COMMERCE JOURNAL, a publication which will stand for the development of all California. This is a good move and one which should receive the co-operation of all commercial bodies of the State, those of Nevada county among the number. The San Francisco organization has extensive connections with similar bodies in all parts of the world and it proposes to place this valuable asset at the service of its smaller contemporaries through its journal and otherwise. It shows a good spirit on the part of the metropolis and should be received in a like good spirit.

CHAMBER OF COMMERCE PUBLISHES A JOURNAL.

(From the San Francisco Daily Commercial News.)

The first number of the CHAMBER OF COMMERCE JOURNAL has been published by the Chamber of Commerce of San Francisco and contains a number of articles on shipping and the commerce of the port.

JOURNAL CONTAINS MANY EXCELLENT ARTICLES.

(From the San Luis Obispo Telegram.)

The *Daily Telegram* is in receipt of No. 1, Vol. 1, of the CHAMBER OF COMMERCE JOURNAL, a new publication issued by the Chamber of Commerce of San Francisco. The JOURNAL is a 12-page publication, and contains many excellent articles concerning trade and general commercial and promotion work. The field which it intends to fill is a large one, and the publishers are desirous of keeping in touch with similar bodies throughout the State.

GOOD WISHES FOR SUCCESS OF THIS JOURNAL.

(From the Merchants' Association Review.)

At last the "Review" has a local "esteemed contemporary," the CHAMBER OF COMMERCE JOURNAL. The initial number shows the work of the Chamber, and contains a list of its foreign connections, together with a report from the Chamber's Washington Bureau, a survey of national exports, imports and trade balances, a comparative statement of bank clearings, and a generous measure of well selected matter of commercial interest, besides a list of the Chamber's membership. The "Review" welcomes the JOURNAL and hopes its announced efforts to "increase local commerce, manufactures and all activities centered at San Francisco" may meet with the fullest measure of success.

JOURNAL WILL PROMOTE PRACTICAL ENDS.

(From the Woodland Democrat.)

The Chamber of Commerce of San Francisco has issued the first number of the CHAMBER OF COMMERCE JOURNAL, the leading article of which contains an outline of the work it expects to accomplish. It is proposed to continue the publication of the JOURNAL, with the hope of promoting important practical ends.

SHOULD BE OF GREAT BENEFIT TO CALIFORNIA.

(From the Placerville Republican.)

The San Francisco Chamber of Commerce has decided to issue a monthly publication to be known as the CHAMBER OF COMMERCE JOURNAL, and the first number is on our desk. It is twelve pages, neatly printed upon coated paper, and is full of boost matter relating to San Francisco and the State at large. The publication should be of great benefit to California, and especially to the exposition city.

JOURNAL WILL BE A VALUABLE ASSET TO THE STATE.

(From the Downieville Mountain Messenger.)

Vol. 1, No. 1, of the CHAMBER OF COMMERCE JOURNAL (San Francisco) was issued this month. If this publication keeps up the good work it sets out to do it will be a very valuable asset to not only San Francisco but the entire state.

WELL PREPARED TO ASSIST ADVANCEMENT OF COAST.

(From the Bakersfield Echo.)

The Echo has received the first copy of the CHAMBER OF COMMERCE JOURNAL, published by the Chamber of Commerce of San Francisco. The purpose of the publication is stated to be to keep the interests of California in touch with all portions of the world. The San Francisco Chamber of Commerce is well prepared to assist in the advancement of the Pacific Coast by reason of the great number of foreign connections which the organization has long maintained. These connections reach every commercial point of importance on the globe, and through these connections the good tidings of California's opportunities and attractions are to be spread by means of the new publication.

CLASSIFIED MEMBERSHIP LIST IS VALUABLE FEATURE.

(From the San Francisco Chronicle.)

The Chamber of Commerce of San Francisco finds that it and the world "do move," and for this and other reasons set forth in a convincing foreword has begun the publication of the CHAMBER OF COMMERCE JOURNAL. No. 1 of Volume 1 is just off the press. It is a 12-page paper, devoted to the interests of commercial activities, and will appear monthly.

Through the new journal the Chamber of Commerce expects to be put in touch with all lands, and it will be used as a reference concerning conditions on the Pacific Coast in all the great commercial, financial and trade centers of the world.

A valuable feature of the periodical will be the regular publication of a classified list of members of the Chamber. This is expected to make it an invaluable business directory. There are more than 700 members of the Chamber.

WILL ASSIST IN UPBUILDING CALIFORNIA.

(From the Oil Age.)

The San Francisco Chamber of Commerce has adopted a new departure which in all probability will materially assist in upbuilding California and its industries. This is a monthly journal being issued by the Chamber and the first copy of this journal is now before us. It contains some interesting matter, the names of a great many foreign correspondents of the San Francisco organization, as well as giving the names and addresses of all its members. As a number of oil companies and a great many oil men are affiliated with this commercial body, the oil industry of California will naturally be given a boost wherever possible.

DESTINED TO BE OF IMMENSE VALUE.

(From the Pasadena Star.)

The San Francisco Chamber of Commerce has assayed an excellent promotion enterprise, destined to be of immense value to the whole State, in the issuance of the CHAMBER OF COMMERCE JOURNAL, a publication which is designed to place all the interests of California in touch continually with all portions of the world. The first number gives earnest of the wide influence that is sure to be exerted by this journal, which will redound to the upbuilding and development of resources in all parts of the State. Every section of California will appreciate this stroke of progressiveness by the influential San Francisco body.

CHAMBER OF COMMERCE JOURNAL IS ISSUED.

(From the San Francisco Bulletin.)

The first number of the CHAMBER OF COMMERCE JOURNAL has been published by the Chamber of Commerce of this city and contains a number of articles on shipping and the commerce of the port. The aim of the new publication is to further the work of the organization and furnish information on subjects pertaining to trade negotiations. Reports from the Washington bureau are published, together with editorial comments on leading topics of the day, as regards the Chamber of Commerce. The journal also contains a list of its foreign connections.

WILL BE OF GREAT BENEFIT TO STATE AND SAN FRANCISCO.

(From the Trinity Journal.)

This week we received the first number of the CHAMBER OF COMMERCE JOURNAL, published by the Chamber of Commerce of San Francisco with the design of placing all the interests of the State in touch with all portions of the world. It is a neat 12-page paper filled with interesting matter. In no sense a "boom" paper, it will be of great benefit to the State at large and San Francisco in particular.

SCOPE OF JOURNAL'S WORK IS EXTENSIVE.

(From the Watsonville Register.)

No. 1, Volume 1, of the CHAMBER OF COMMERCE JOURNAL, came to hand last night from San Francisco, the first page of which is devoted to a review of the results accomplished by the commercial body alluded to. No one can read it without being impressed with the value of the service rendered, not only to the city in which it exists, but the State at large.

INTERESTING AND CREDITABLE PUBLICATION.

(From the San Francisco Journal of Electricity, Power and Gas.)

The Chamber of Commerce of San Francisco have issued the first number of their JOURNAL, an interesting and creditable publication summarizing trade conditions on the Pacific Coast and in all the great commercial, financial and trade centers of the world.

NEW YORK PREPARES FOR MONSTER SHIPS

(From the Monthly Bulletin of the Chamber of Commerce of the State of New York.)

Notwithstanding the almost unanimous opinion of the leading business interests of New York that the pier head lines in the Chelsea District of the North River should be extended about one hundred feet, so as to admit the new mammoth steamers of the White Star Line, which are now reaching completion, the Harbor Line Board of the War Department, which has immediate jurisdiction over the navigable waters of the harbor, reported to the Secretary of War adversely to this extension.

It will be recalled that the special committee of the Chamber appointed to consider the matter of pier head lines reported in favor of the extension of these piers, but at the same time expressing its judgment that safe navigation would not be impaired thereby, held that the fairway of the North River should never be less than 2650 feet, and it recommended that a commission be appointed by the Governors of New York and New Jersey and the War Department for the purpose of making a comprehensive study of the best methods of adapting the port facilities to the constantly expanding size of marine construction. Immediately after the decision by the Harbor Line Board, Governor Dix, after consultation with Mayor Gaynor, accepted the recommendation made by the Chamber and appointed the New York members of this commission.

Application was made immediately to the Secretary of War to grant a temporary permission to extend the piers in the Chelsea District needed for the accommodation of the two new White Star steamers, with the understanding that this extension should be granted pending an investigation and report by this joint commission. After a hearing at Washington on Monday, March 6, the Secretary of War promptly granted this temporary permission. The City of New York is therefore saved the humiliation of refusing accommodation to these mammoth trans-Atlantic steamers and, at the same time, opportunity is given for this joint commission to study the whole subject comprehensively, and present a report that will point a way for adequate dock facilities without in any way injuring the free navigation of the North River. The action taken by Secretary Dickinson and Governor Dix is a complete vindication of the report made to the Chamber by its special committee, and the City of New York has reason for congratulation over a result so satisfactory to its commercial interests.

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency — 733 Merchants Exchange
Green, J. Chas. Company — Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co. — 530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co. — 576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co. — 874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc. — 542-546 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.) — 1460 Market St.
Leavitt, J. W. & Co. — 301 Golden Gate Ave.
Pioneer Automobile Co. — 515 Van Ness Ave.
The Pierce Arrow Sales Company — 330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works — 384 Second St.

BAGS.

Ames Harris-Neville Co. — 100 Potrero Ave.
Bemis Bros. Bag Co. — Sansome & Vallejo Sts.
Plummer, W. A. — 37 Front St.

BANKS AND BANKERS.

The American National Bank of San Francisco — Merchants Exch. Bldg.
The Bank of California (National Association) — 400 California St.
The Anglo-California Trust Co. — 16th & Mission Sts.
The Anglo & London Paris National Bank — NW cor Sutter & Sansome.
The Bank of British North America — 264 California St.
Bank of Italy — 552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California — 325 Clunie Bldg.
Canadian Bank of Commerce — SE cor California & Sansome Sts.
Canton Bank — 653 Kearny St.
Crocker National Bank — Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co. — 100 Montgomery St.
First National Bank of San Francisco — NW cor Post & Montgomery Sts.
French-American Bank — 108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd. — 415 Sansome St.
German Savings & Loan Society — 526 California St.
Halsey, N. W. & Co. (Bankers and Brokers) — 424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation) — 411 Montgomery St.
Hellman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco) — 2 Montgomery St.
Humboldt Savings Bank — 783 Market St.
International Banking Corporation — 200 Montgomery St.
Italian-American Bank — 460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society — Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank — 100 Market St.
McNear Geo. P. — Petaluma, Cal.
Mercantile National Bank of San Francisco — 464 California St.
Metropolis Trust & Savings Bank — Market & New Montgomery.
Meyer, Daniel, Banker — 244 Pine St.
The Mission Bank — 16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank — Phelan Bldg.
Portuguese American Bank — SW cor Clay & Front Sts.
San Francisco Savings Union — NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco — 46 Market St.
Security Savings Bank — 316 Montgomery St.
Sutro, Chas., Banker and Broker — 412 Montgomery St.
Wells Fargo-Nevada National Bank — 4 Montgomery St.
Western National Bank of San Francisco — Market & Powell Sts.

BASKETS.

Weston Basket & Barrel Co. — 3rd & Berry Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co. — 317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co. — 30-32 Fremont St.
Degen, L. P. Belting Co. — 260 Mission St.
Pacific Coast Rubber Co. — 416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John — 18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works — Main & Folsom.

BOLTS.

Payne's Bolt Works — 133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co. — 557 Mission St.
Buckingham & Hecht — SW cor 2nd & Mission
Nolan-Earl Shoe Co. — 727-29 Mission St.
Williams-Marvin Co. — 25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co. — Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc. — Beach nr. Taylor St.

BRASS GOODS.

Garratt, W. T. & Co. ..... 299 Fremont St.

BREWERIES.

Nunan, Matthew ..... 1241-67 Howard St.
San Francisco Breweries, Ltd. ..... 240 Second St.
Union Brewing & Malting Co. ..... 18th & Florida Sts.
Wilson Distilling Co. ..... 203 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co. ..... 259 Russ Bldg.
Clark, N. & Sons ..... 19 Spear St.
Gladding, McBean & Co. ..... 311 Crocker Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co. ..... 544 Sansome St.
Mayhew, F. E. & Co. ..... 510 Battery St.
Swayne, Hoyt & Co. ..... 412-14 Battery St.
St. John, Chauncey M. ..... 510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co. ..... 300 Sansome St.
Barth, J. & Co. ..... 480 California St.
Brown, Walker, Simmons Co. ..... 612 Crocker Bldg.
Houseworth, F. A. ..... 615 Chronicle Bldg.
Pollitz, Edward & Co. ..... 419 California St.
Raiss, Carl ..... 310 Sansome St.
Rollins, E. H. & Sons ..... 1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan) ..... 433 California St.
Wilson, J. C. ..... Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association ..... Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company ..... 59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co. ..... 1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company ..... 1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co. ..... 19th & Bryant Sts.

CANNED GOODS.

Armsby, J. K. Co. ..... 627 Howard St.
California Canneries Company ..... 600 Minnesota St.
California Fruit Canners' Association ..... 120 Market St.
Golden State Asparagus Co. ..... 16 California St.
Griffith-Durney Co. ..... 1 Drumm St.
Hunt Bros. Co. ..... 112 Market St.
Long Syrup Refining Co. ..... 16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co. ..... 440 Montgomery St.
Brenner, Gustave ..... 2286 Jackson St.
Coleman, Edward ..... 1701 Franklin St.
De Sabla, Eugene J. ..... Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela) ..... 1304 Merchants Exch.
Eastland, Thomas B. ..... 1304 Merchants Exch.
Flood, James L. ..... 208 Flood Bldg.
Foster, A. W. ..... 1210 Flood Bldg.
Greenebaum, M. ..... 740 Mission St.
Hopkins, E. W. ..... 354 Pine St.
Kohl, C. Frederick ..... Kohl Bldg.
Law, Herbert E. ..... 500 Monadnock Bldg.
McCreery, Andrew B. ..... 221 Sansome St.
Spreckels, Rudolph ..... 1st National Bank Bldg.
Williams, Hon. A. P. ..... Fairmont Hotel.
Whitney, J. Parker ..... 133 Geary St.
Whittell, George ..... 166 Geary St.
Worden, Clinton E. ..... 1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. ..... 2198 Geary St.

CARPETS (SEE FURNITURE.)

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M. ..... 201 Montgomery St.
Boskowitz, Frank ..... 63 California St.
Ehrman Bros. & Co. ..... 134 Front St.
M. A. Gunst & Co. ..... 201 California St.
Whitaker, G. W. (The John Bollman Co.) ..... 331 Battery St.
Wolf, Edward Company ..... 161-7 California St.

CIRCULAR DISTRIBUTORS.

Weil, Wm. M. ..... 27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D. ..... 910 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co. ..... 311 Crocker Bldg.

CLOTHIERS.

Roos Bros. ..... Market at Stockton St.

CLOTHING MANUFACTURERS.

Eloesser-Heynemann Co. ..... 77-87 Battery St.

COAL (WHOLESALE.)

R. Dunsmuir's Sons Co. ..... 340 Steuart St.
Pacific Coast Coal Co. ..... 340 Steuart St.
Smellie, Wm. ..... Russ Bldg.
Smith, James B. (Western Fuel Co.) ..... 430 California St.
Stafford, W. G. & Co. ..... 234 Steuart St.
Western Fuel Co. ..... 430 California St.
Moore, J. J. & Co. ..... 225 Pine St.

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co. ..... 126 Mission St.
Caswell, Geo. W. Co. ..... 530 Folsom St.
Folger, J. A. & Co. ..... Howard & Spear Sts.
Hills Bros. ..... 175 Fremont St.
Jones, Paddock Co. ..... 228-230 Fremont St.
Schilling, A. & Co. ..... 2nd & Folsom Sts.
Siegfried, J. C. & Co. ..... 268 Market St.
Tyler, S. H. & Son ..... 147 Sacramento St.

COMMISSION MERCHANTS.

Everding, J. & Co. ..... 80-82 Clay St.
Galli, A., Fruit Co. ..... 292 Washington St.
Garcia & Maggini Co. ..... 302 Drumm St.
Hammer & Co. ..... 310 Clay St.
Jacobs, Malcolm & Burtt, Inc. ..... 255 Drumm St.
Spohn, John H. Co. ..... 49 Main St.

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co. ..... 57 Post St.

CONTRACTORS.

Chadwick & Sykes, Inc. ..... 418 Crocker Bldg.
Church, D. O. ..... 555 Tenth St.
City Street Improvement Co. ..... Merchants Exchange.
Healy-Tibbitts Construction Co. ..... 268 Market St.
Hicks, Lewis A. Company ..... 662 Humboldt Bk. Bldg.
Mahony Brothers ..... Crocker Bldg.
Malley, Edward ..... 1384 McAllister.
Smith, Rice & Company ..... 118 Howard St.
San Francisco Bridge Co. ..... 865 Monadnock Bldg.
Thomson Bridge Co. ..... 103 Main St.
Whitley, Henry A. ..... 456 Mills Bldg.

COOPERAGE.

California Barrel Co. ..... 509 Monadnock Bldg.
Koster, John A. (California Barrel Co.) ..... 509 Monadnock Bldg.
Weston Basket & Barrel Co. ..... 3rd & Berry Sts.

CORDAGE.

Tubbs Cordage Co. ..... Kohl Bldg.

CORNICE WORKS.

Forderer Cornice Works ..... 269 Potrero Ave.

COTTON MILLS.

California Cotton Mills Co. ..... 310 California St.

CRACKERS.

Standard Biscuit Co. ..... NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) ..... 815 Battery St.

CREAMERIES.

Isleton Butter Company ..... 53-57 California St.

CROCKERY AND GLASSWARE.

Schloss, Ben ..... 17 Beale St.
Nathan-Dohrmann Company ..... SW cor Geary & Stockton

DAIRIES.

Columbia Dairy (Col. Geo. H. Pippy) ..... 231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The. ..... 43-49 Main St.

DRAYING.

McNab & Smith ..... 40 Davis St.
Overland Freight Transfer Co. ..... 35 Second St.

DRIED FRUITS.

California Fruit Canners' Association ..... 120 Market St.
Castle Brothers ..... 149 California St.
Griffin & Skelley Co. ..... 16 California St.
Guggenhime & Co. ..... 100 California St.
Inderrieden, J. B. Co. ..... 112 Market St.
Madison & Bonner ..... 112 Market St.
Phoenix Packing Co. ..... 16 California St.
Rosenberg Bros. & Co. ..... 153 California St.

DRUGS AND CHEMICALS.

Braun, Knecht, Heimann Co. ..... 576 Mission St.
Collin-Redington Co. ..... 35 Second St.
General Chemical Co. of California ..... 657 Mills Bldg.
Langley & Michaels Co. ..... 58 First St.
Eli, Lilly & Co. ..... 50 First St.
Serwe & Prien Co. ..... 404 Mission St.
Scott & Gilbert Co. ..... 45 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspiel, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Chas. C. Moore & Co., Engineers, Inc.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....219 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....Mer. Exch. Bldg.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....1018 Merchants Exch.
Moore-Ferguson Co.....244 California St.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Nenstadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....661 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St.
Mack, Adolph, President City Electric Co.....350 Mills Bldg

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kalisher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2641 Howard St.

GRAIN AND BEANS.

Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Snook, James A. & Company.....247 Davis St.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Steuart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St

HATTERS.

Fisher & Co., Inc.....726 Market St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.)...Shreve Bldg
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis
Stewart, Chas. A.....Hotel Stewart

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3773 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.)...268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St
Chapman, Wilfrid B.....705 Sansome St.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg
Kutner, Goldstein Co.....408 Merchants Exchange.
Lastreto & Co.....260 California St
Levaggi Co.....339 Clay St
Lund, Henry & Co.....Marine Bldg
Macondray & Co.....149 California St
Maldonado & Co.....49 California St
Meyer, Wilson & Co.....602 Alaska Comm. Bldg
Mitsui & Co.....345 Merchants Exchange
Otis, McAllister & Co.....310 California St
Orient Trade Co.....244 California St
Parrott & Co.....320 California St
M. Phillips & Co.....9 Main St
Schwartz Bros.....Union Trust Bldg
Sherwood & Sherwood.....41-47 Beale St
Tetzen, Ch. & Co., Inc.....818 Battery St

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 201 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V. ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 356 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Risdon Iron Works ..... 503 Market St.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 216 Mission St.
Clocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... Davis & Commercial Sts.
Fargo, E. A. Co. ..... 1844 Geary St.
Gibb, J. W. ..... 16 California St.
Hellmann Bros. & Co. ..... Battery & Greenwich.
Italian-Swiss Colony ..... 706 Sansome St.
Jacobi, J. J. ..... 195-99 Second St.
Jesse Moore Hunt Co. ..... 314 Sacramento St.
Kunz, Henry (Charles Meinecke & Co.) ..... 3113-15 Seventeenth St.
Livingston & Co. ..... 535 Folsom St.
Lyons, E. G. (The) and Raas Co. ..... 825 Mission St.
Naher, Alfs & Brune ..... 36 California St.
Pascal, Dubelat & Co. ..... 300-332 Second St.
Rosenblatt Co., The ..... 115 Front St.
Roth & Co. ..... Merchants Exch. Bldg.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... 1844 Geary St.
Shawhan, W. D. ..... 430-432 Battery St.
Siebe Bros. & Plagemann ..... 41 Drumm St.
Sroufe, John & Co. ..... Main & Mission Sts.
Taussig, Louis & Co. ..... 605 Battery St.
Vignier Ami, Inc. ..... 42-44 Davis St.
Wetmore, Bowen Co. ..... 431-39 Clay St.
Wichman, Lutgen & Company, Inc. ..... 51-53 Main St.
Wilmerding, Loewe Company ..... 1844 Geary St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 6th & Channel Sts.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... Lombard & Montgy. Sts.
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 2401 San Jose Ave.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 657 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White Bros., Inc. ..... 5th & Brannan Sts.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co. ..... 244 California St.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. E. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Henshaw, Bulkley & Co. ..... 19-21 Fremont St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Laundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John B. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 791-793 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 384 Second St.

MINING.

Belshaw, C. M. ..... 1101 Humboldt Bk. Bldg
Bradley, E. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 109 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville....1001-8 Balboa Bldg.
Bonny Bruce....
Bunker, William M....1339 Merchants Exch.
Crocker, Henry J....West Coast Life Bldg.
Cutting Packing Co....510 Kohl Bldg.
Dean, W. E....905 Kohl Bldg.
Dieriex, A. D....268 Market St.
Earl D. W....307 Crocker Bldg.
Eldredge, Zoeth S....2621 Devisadero St.
Gray, G. F....610 Wells Fargo Bldg.
Greenewald, O. H....Alaska Commercial Bldg.
Howard, H. Z....3739 Clay St.
Lemon, Arthur....3462 19th St.
Lester, Herrick & Herrick....404 Merchants Exchange.
Lilienthal, E. R....Alaska Commercial Bldg.
Lindsey, M. G....268 Market St.
Loveland, H. D....759-767 Monadnock Bldg.
Maybeck, B. R....Room 426, No. 35 Montgomery St.
McDougall, C. C....235 Montgomery St.
McLaren, Goode & Co....519 California St.
McLaughlin Co., The....345 Pine St.
Metcalfe, J. ....454 California St.
Miller, J. R....Lick Bldg.
Ralston, A. J....C/o Berkeley Inn, Berkeley, Cal.
Reid Bros. ....Call Bldg.
Smith, Arthur A....2501 Steiner St.
Sperry, Geo. B....2555 Larkin St.
Tillmann, F., Jr....8 Pine St.
Ward, Clarence ....Alaska Commercial Bldg.
Wheeler, Wm. R....Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau)....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager ....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin")....767 Market St.
De Young, Charles, San Francisco "Chronicle"....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle")....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker"....451 Montgomery St.

OILS.

Associated Oil Co....728 Wells Fargo Bldg.
Baker, John, Jr., Claremont Oil Co....Crocker Bldg.
Morshead, Stanley W....255 Kohl Bldg.
Sesnon Oil Company....928 Monadnock Bldg.
Standard Oil Co....461 Market St.
Union Oil Co. of California....201 Mills Bldg.
Valvoline Oil Co. ....440 Brannan St.

OPTICIANS.

California Optical Co. ....181 Post St.

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co....816 Mission St.
Clinch, C. G. & Co....156 King St.
Fuller, W. P. & Co....Beale & Mission Sts.
Paraffine Paint Company, The....34 First St.
Whittier, W. F....301 Howard St.

PAPER.

Blake, Moffitt & Towne....1400 Fourth St.
California Paper & Board Mills....310 California St.
Everett Pulp & Paper Company....244 California St.
Fleishhacker, A. & Co....134 Fremont St.
Pacific Coast Paper Co. ....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co....Alaska Commercial Bldg.
Williar, H. R....260 California St.
Zellerbach Paper Co....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co....134 Fremont St.

PAVING.

City Street Improvement Co....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California ....444 Market St.

PLATING WORKS.

Denniston, E. G....1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company ....2nd and Brannan Sts.
Dalziel, Moller Co....543 Mission St.
Lally Company....First & Folsom Sts.
Tay, George H. Co....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey....522 Sacramento St.

POTTERY AND TERRA COTTA.

Clark, N. & Sons....116 Natoma St.
Gladding, McBean & Co....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works ....Mills Bldg.

POWDER.

Du Pont de Nemours Powder Co., E. I. ....Chronicle Bldg.
The Giant Powder Co., Con....202-206 Kohl Bldg

POWER AND LIGHT COMPANIES.

Great Western Power Company....Shreve Bldg.
Mack, Adolph, President City Electric Co....350 Mills Bldg.
Martin, John, President Coast Counties Light & Power Co....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation ....519 California St.
San Francisco Gas & Electric Co....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company....251 Bush St.
Neal, George F. (Neal Publishing Co.)....66 Fremont St.
Pacific Manifolding Book Co....268 Market St.
Shannon-Conmy Printing Co....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co....36-48 Spear St.
Hilmer, Fred L. Company....SW cor Davis & Sacramento Sts.
Isleton Butter Company....53-57 California St.
Levy, Schweitzer & Co. ....1412 Bush St.
Miller & Lux, Inc....1314 Merchants Exch.
Roth, Blum & Co....21 California St.
Swift & Co....Davis & Pacific Sts.
South San Francisco Packing & Provision Co....407-13 Front St.
Western Meat Co....6th & Townsend Sts.
Willits & Patterson....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co....71 First St.
Orenstein-Arthur-Koppel Co....419 Chronicle Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co....160 Sutter St.
Boyd, John F....255 California St.
Harrigan, Weidenmuller & Rosenstirn....345 Montgomery St.
Hecht Investment Co....706 Kohl Bldg.
Hechtman, A. J....508 Kohl Bldg.
Holmes Investment Co., The....68 Post St.
Hooker, Robert G. ....Hooker & Lent Bldg.
Lent, George H....Hooker & Lent Bldg.
Lyon & Hoag ....636 Market St.
Magee, Thomas & Sons....5 Montgomery St.
McGaw, John & Co....232 Montgomery St.
Mann, Clarence M....282 Bush St.
Martin, Peter D....First Natl. Bank Bldg.
Martin, Walter S....702 Call Bldg.
Parkside Realty Co. of San Francisco....409 Crocker Bldg.
Shainwald, Buckbee & Co....27 Montgomery St.
Sheldon, Willard M....324 Crocker Bldg.
Speck, John H....229 Montgomery St.
Umbsen, G. H. & Co....20 Montgomery St.
Wooster, C. M....702 Market St.
Wright, J. W. & Company....Mills Bldg.

RICE.

Brown, A. A. Co....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co....9 Beale St.
Goodyear Rubber Co....573-589 Market St.
Gorham Rubber Co....50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co....46 Sacramento St.
California Salt Co....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc....157-161 Main St.
California Saw Works....721 Brannan St.

SCALES.

Fairbanks, Morse & Co....158 First St.

SEEDS.

Morse, C. C. & Co....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co....1460 Market St.

SHIP BROKERS.

Page Brothers....310 California St.

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works ....Main & Howard Sts.
Risdon Iron Works. ....Potrero.
Union Iron Works Co. ....20th & Michigan Sts.
United Engineering Works....254 Spear St.
Vulcan Iron Works ....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis ....34-36 Steuart St.
Hendry, C. J. Company....64 Clay St.
Sellers & Madison Company....94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway....420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co.....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....454 California St.
Chapman, J. F. & Co.....110 Market St.
Chesebrough, A.....Alaska Commercial Bldg.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc.....255 California St.
Dimond, E. R.....Alaska Commercial Bldg.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D.....110 Market St.
Gutte, I. (A Corporation).....211 Front St.
Hackfeld, H. & Co., Ltd.....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, G. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The.....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Mailliard & Schmiedell.....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....142 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros.....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc.....244 California St.
Perkins, Geo. C.....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spreckels, John D.....90 Clay St.
Sewall, Oscar T.....Alaska Commercial Bldg.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.

SILKS (Wholesale)

Clayburgh Brothers.....25-27 Sansome St.
Hart, B. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co.....444 Market St.

SPORTING GOODS.

Golcher Bros.....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co.....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson.....6th & Townsend Sts.
Mangrum & Otter.....561-563 Mission St.
Montague, W. W.....573 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co...268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company....254 California St.
Hawaiian Commercial & Sugar Company.....405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co.....268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co.....268 Market St.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Coast Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company.....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co.....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co.....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co.....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman.....325-335 Davis St.
Schoenfeld, D. M.....516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co.....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry.....Mills Bldg.
Alaska Pacific Steamship Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha.....Metrop. Bk. Bldg.
Bissell, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Bock, Walter E., Manager Associated Transportation Co.....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Clark, Warren D., American-Hawaiian Steamship Co.....Alaska Commercial Bldg.
Ebey, Harold H., Kosmos Line.....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co.....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads.....85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry.....1st National Bank Bldg.
Samuels, Frederick S.....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros.....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co.....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse.....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co.....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co.....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Bissinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

Chamber of Commerce Journal.

ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO, SAN FRANCISCO, CALIFORNIA

VOL. I SAN FRANCISCO, CALIFORNIA, JUNE, 1911 No. 3

IMPORTATIONS OF FRUIT INTO EUROPE

John M. Carson, a Commercial Agent of the United States in England, has communicated information of much interest, commercially, to the Daily Consular and Trade Reports, which is of especial interest in California. "Western Europe," so Carson writes, "is an inviting market for green fruits, and especially apples, oranges, grapes and bananas. England is the principal market, but the Netherlands, Norway, Belgium, Germany and France also import considerable quantities." A part of the report is condensed as follows:

"The annual imports of fruits, and nuts used as fruit, into the United Kingdom aggregate roundly $50,000,000. The British official reports for the calendar year 1910 placed the total at $50,598,105, to which apples contributed $10,654,272, oranges $11,035,796, bananas $8,266,023, grapes $3,308,816, pears $2,569,623, lemons $2,200,218, and plums $2,112,076, these several items constituting 81 per cent of the whole. Nuts imported and used as fruit amounted to $7,417,281, of which nearly one-half was credited to almonds. Other fruits enumerated were cherries $592,209, currants $534,867, strawberries $182,839, and gooseberries $116,884. Unenumerated articles were valued at $1,607,201. All the fruits named were in the raw or green state.

"The three fruits that meet with greatest popular favor are apples, oranges and bananas, and the demand is steady and progressive. Most of the smaller fruits and a considerable quantity of oranges are used in the manufacture of jams and preserves, but the consumption in their natural state of the three varieties named is not materially affected by the requirements of the manufacturers.

"There are no mysteries concerning methods of sale and no obstacles to immediate entrance into the British market. The constant and urgent demand makes the sale of the fruit certain and prompt, and the market may be entered with freedom and directness. There is room and a welcome for all comers, but preference and price are determined by two conditions—quality and packing.

"What proportion of the $21,000,000 worth of apples and oranges imported into the United Kingdom in 1910 came from the United States is not disclosed by the available official statistics of either country. During that twelvemonth, however, the United States exported 1,670,295 barrels of apples, valued at $5,456,450, and 962,229 boxes of oranges, worth $2,445,559. Since the United Kingdom received almost one-third of the total American shipments of fruits and nuts of all kinds, doubtless a large part of the apples and oranges exported from the United States in 1910 found British purchasers. According to the official English returns, the United States supplied $2,336,295 worth of apples and $230,862 worth of the oranges imported into the Kingdom in 1909.

"Of green fruits shipped from the United States oranges are next in importance to apples. What is said in this report concerning selection and packing of apples applies to oranges, exports of which by the United States aggregate upward of $2,000,000 per annum. This fruit sells freely all the year, but is in greatest demand in December and January, when prices are higher than during other months. As explained in a previous report (see article on 'Marmalade and Jams,' in the February 17th issue of Daily Consular and Trade Reports), a large portion of the oranges shipped into England is used in the manufacture of jams, but the fruit thus consumed is inferior in quality, comes mostly from Spain and points on the Mediterranean, and does not compete with oranges for table purposes. The latter are imported from the Mediterranean, the West Indies, and the United States, and sell at retail from 4 cents to 10 cents each, choice fruit commanding higher prices. The superiority of American oranges is recognized, and made apparent in the higher prices paid for them. The California seedless or 'navel' orange is the favorite, and sells freely at 9 to 12 cents each in England and on the Continent. The California growers could promote the sale of their oranges by arranging through the local organizations for exploitation, as is done in the case of Canadian apples, and for direct shipments. Indeed, this course of procedure may be safely commended to growers and shippers to Europe of all orchard products.

"Pears are in good demand, retail prices being about the same as for apples. The finer qualities come from the Pacific States. As in oranges, the export of American pears could be materially promoted by systematic effort on the part of shippers.

"Peaches, like pineapples, are a luxury in Europe. Being more tender and perishable than apples or pears, greater risk and expense attach to over-sea shipments of peaches, but it would seem that, with the facilities offered by speedy transportation and refrigeration, shipments of this fruit from the United States might be extended, especially in years when crops are abundant. Peaches received in Europe are wrapped separately in cotton."

CHAMBER MOVES FOR MARINE SCHOOL

Acting in behalf of the establishment of a marine school in San Francisco in which students may be taught navigation, seamanship, marine engineering and all matters pertaining to the proper construction, sailing and equipment of vessels, the Chamber of Commerce of San Francisco has addressed a letter to the Governor of California, involving his aid in this direction.

In the communication to Governor Johnson it is set forth by this organization that, at the last session of Congress, bills were passed authorizing the establishment of marine schools, of which one will be at San Francisco if the proper steps are taken to secure it. The Government will not make the initial move, but is prepared to go a long way to bring a marine school into existence in San Francisco under certain specified conditions. To the Governor of California this body has summed the matter up as follows:

"It is not provided that the Government shall establish such schools, but that aid shall be given only to such as are established by a State or municipality; and that such aid shall not exceed in amount the sum annually appropriated by the State or city that establishes the school; and in no case shall exceed $25,000."

When the marine school for San Francisco is assured, the Government will provide the use of a naval vessel "with all its apparel, charts, books, instruments of navigation," etc., upon application by the Governor for the use of such vessel. The following is a part of the letter to Governor Johnson:

"This matter appears to the Chamber of Commerce of San Francisco to be of much importance. We therefore suggest that the Legislature of California, at its next session, might receive with favor a recommendation from you in behalf of the establishment of a marine school at San Francisco, and we respectfully request that you will take this matter under consideration, and communicate with us, concerning it, at your convenience."

The subject was called to the attention of the Chamber by Senator George C. Perkins who introduced the marine school measure. A report accompanied the text of the law, from which some interesting facts are taken to show the scope of the proposition and its general application to conditions existing and always to exist at the port of San Francisco:

"This bill supersedes the act of June 20, 1874, establishing marine schools. The only new legislation, in addition to adding Seattle and Corpus Christi to the list of cities to which the benefits of the act shall attach, is comprised in the second section of the bill authorizing the appropriation of money to aid in the maintenance and support of the schools. The bill has the approval of the Committee on the Merchant Marine and Fisheries of the House of Representatives and of the Navy Department.

"Boston, New York, and Philadelphia maintain such training schools, and they receive the benefits of Government aid in the shape of details of officers for instruction and vessels for training purposes. The New York Nautical School is the type of the schools which the bill is designed to assist. It is conducted by the Board of Education of New York and was established in pursuance of an act of the Legislature of the State in 1873 and at present is maintained on board the U. S. S. Newport, which was loaned for this purpose under the act of Congress of June 20, 1874.

"The purpose of the school is to prepare students to become officers in the merchant marine. The superintendent and most of the instructors are officers of the Navy, detailed for that purpose by the President. The training ship is in no sense a reformatory or a sanatorium, for only boys of good character, who will appreciate and avail themselves of the instruction, are admitted, and none will be allowed to continue in the school unless they yield prompt and willing obedience and make fair progress in their studies.

"Neither will boys be admitted or retained who are not rugged in physique, resolute in spirit, and not afraid of work. Two years are required for the course and to obtain a certificate of graduation. At the beginning of the summer term the Newport sails from New York for a cruise, and the entire time is devoted to practical work. She usually touches at the Azores Islands, Southampton, Plymouth, Falmouth, and Gravesend, England; Cherbourg, France; Queenstown and Belfast, Ireland; Copenhagen, Denmark; Amsterdam and other North Sea ports; Gibraltar, and the Madeira Islands, returning to Long Island Sound about the last of August.

"During the course the students are instructed in dead reckoning, the methods of finding the latitude and longitude by the sun, moon, planets, and stars, the duties of a seaman, theoretical and practical marine and electrical engineering; have practice in a vessel under both sail and steam, in steering, heaving the lead; in handling boats both under oars and sail.

"Naval discipline is maintained to a large extent, the boys being taught to conduct themselves in a manly way, and to be upright and straightforward in all their dealings. Although firmness is exercised, yet the boys are made to feel and to understand that their welfare is sought.

"Parents or guardians are relieved of the care, expense, wear, and strain of bringing their boys through the most critical period of their lives, and the boys are assured of an honorable profession. Positions are readily secured to all graduates who wish to follow the sea as a calling.

"Graduates of this school may be found as officers in command of vessels throughout the merchant service; some are officers in the Revenue-Cutter Service; some have entered the Naval Academy at Annapolis; others have secured appointments to the staff of the Navy from civil life, their training in the New York Nautical School having been of special advantage in fitting them for their chosen profession.

"The alumni association of the nautical school contains many members who, for various reasons, have given up sea life and have achieved success in their varied vocations, which to a large extent they attribute to their early training in the nautical school."

The mineral production of California in 1909 was $82,792,209. It is estimated that the total annual output of minerals, owing largely to the increase in the production of petroleum, will reach a total of $100,000,000 within three years, and even this total may be exceeded.

PORT COMMERCE AND RELATED TOPICS

GREAT COMMERCE OF THE AMERICAN REPUBLICS.

According to a bulletin issued by the Pan-American Union, formerly known as the International Bureau of the American Republics, the total population of the twenty-one American Republics, including the United States, approximates 160,000,000, of which there are in the United States 90,000,000 and in Latin America 70,000,000. The approximate total area of the American Republics is 12,000,000 square miles, of which Latin America has 9,000,000 square miles, and the United States (without Alaska, etc.) 3,000,000 square miles.

The total foreign commerce of the twenty-one American Republics, exports and imports, including the United States, is $5,617,813,000, of which Latin America has $2,190,397,000. In ten years the trade of the United States with Latin America has increased $394,415,000.

SAN FRANCISCO'S COMMERCE WITH ALL PORTS.

The annual valuations of merchandise traffic between San Francisco and foreign countries, the Atlantic States and non-contiguous territory for a series of years past are as follows:

EXPORTS		IMPORTS	
1905	$64,918,505	1905	$44,249,211
1906	49,562,403	1906	49,192,378
1907	46,571,790	1907	54,207,011
1908	48,464,161	1908	44,403,197
1909	57,221,596	1909	51,469,023
1910	65,008,518	1910	50,669,435

DEMAND FOR GAS AND NAPHTHA ENGINES.

Consul General John H. Snodgrass has recently reported to the Bureau of Manufactures of the Department of Commerce and Labor of the United States that there is a great increase in the demand for gas and naphtha engines and tractors in Russia. The importations of such engines into Russia amounted to $4,027,300 in 1907; to $5,660,665 in 1908; to $6,882,975 in 1909; and to $7,761,565 in the first nine months of 1910. The Russian manufacturers are not able to supply the demand. "One of the largest concerns in Russia is running night and day and is yet unable to fill its orders." The import duty has been a barrier to the sale of foreign heavy engines in Russia, so that many English and German companies supply only the lighter parts, the fly wheels and engine stands being manufactured in Russian shops.

CALIFORNIA ORANGE AND LEMON PRODUCTION.

Orange and lemon production in California in five seasons is estimated as follows:

Oranges			Lemons		
Season	Cars	Boxes	Season	Cars	Boxes
1905-06	27,260	10,082,560	1905-06	5,146	1,831,976
1906-07	26,927	9,709,920	1906-07	4,280	1,540,800
1907-08	27,350	9,846,780	1907-08	5,200	1,872,500
1908-09	34,427	12,049,450	1908-09	6,495	2,338,200
1909-10	28,260	9,891,000	1909-10	5,735	2,064,600

The State produced 265,000,000 pounds of beet sugar in 1910.

PACIFIC COAST TRADE IN A SERIES OF YEARS.

The foreign trade of the Pacific Coast ports as shown by Custom House statistics during a series of years was as follows:

EXPORTS

District	1908	1909	1910
Alaska	$ 863,878	$ 1,120,218	$ 1,119,919
Hawaii	608,912	89,511	394,837
Humboldt, Cal	996,424	930,576	1,085,579
Los Angeles, Cal	306,439	149,905	87,644
Oregon	257,267	134,083	262,580
Puget Sound, Wash	37,547,553	26,518,274	32,187,901
San Diego, Cal	385,524	663,114	1,051,588
San Francisco, Cal	31,189,095	31,100,309	36,413,739
Southern Oregon	7,907	8,151	11,110
Willamette, Ore	16,652,850	8,405,155	7,334,140
Total	$88,815,849	$69,119,299	$79,949,037

IMPORTS

District	1908	1909	1910
Alaska	$ 663,939	$ 605,086	$ 669,614
Hawaii	4,374,567	4,444,582	5,199,718
Humboldt, Cal	8,334	4,483	7,399
Los Angeles, Cal	1,193,552	1,366,045	2,259,668
Oregon	24,975	32,390	63,512
Puget Sound, Wash	21,876,361	28,611,494	33,837,633
San Diego, Cal	468,451	711,999	865,784
San Francisco, Cal	44,404,397	51,468,597	50,669,435
Southern Oregon			
Willamette, Ore	2,937,513	2,445,810	2,653,171
Total	$75,952,089	$89,690,486	$96,225,934

CANADIAN TARIFF ON ADVERTISING MATTER.

Merchants who send advertising matter through the mails to Canada will be interested in a statement recently issued by the Consul of the United States at Sydney, Nova Scotia, which is as follows:

"For the benefit of interested parties, I quote in part the Canadian customs regulations on advertising matter:

"'Duty at the rate of 15 cents per pound, under tariff item 126, is to be collected on circulars, fly sheets, and other advertising matter (except catalogues and price lists for wholesale only) when imported by mail addressed to individuals or otherwise. When duty remains unpaid for 60 days, the matter is to be treated as "unclaimed."

"'Bona fide trade catalogues and price lists of goods for wholesale, not exceeding three to one address, may be admitted through the mails free of customs duty: *Provided, however,* That such catalogues and price lists shall not be held to include almanacs or advertising periodicals or printed matter designed to advertise the sale of goods by any person in Canada.'

"The collector of customs at the port where such printed matter arrives in large quantities usually notifies the sender that it is dutiable and that if a remittance is made to cover the amount due the matter will be released and forwarded to the addressee. In single cases the addressee is notified, and quite frequently refuses to pay the duty."

California produced 50,000,000 pounds of peaches in 1910.

CHAMBER OF COMMERCE JOURNAL

Issued monthly by The Chamber of Commerce of San Francisco, from 431 California Street, San Francisco, California. Copies may be obtained from the Secretary.

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San Francisco, California, June, 1911

VALUABLE WORK OF THIS ORGANIZATION.

The Chamber of Commerce of San Francisco came into existence in 1850. It antedates the creation of the State of California. Going backward it is seen that it is older than any State of the Union on the Pacific Coast and it is, therefore, easily the oldest commercial organization existing on the Pacific Coast of the United States.

Exceptional conditions attended its origin. At first it was the arbiter in commercial controversies such as were constantly arising in the early days of the American occupation of California, when there were no transcontinental railways, no telegraph lines, no means of rapid communication between supply points on the Atlantic seaboard and San Francisco, then the great distributing point for the entire Pacific Coast and for many miles east of the coast line. There is no record that any of the business disagreements that came before the Chamber were settled by the Chamber unsatisfactorily. On the contrary the Chamber of Commerce, having leading men of business and affairs for its members and officers in its early history, from small beginnings speedily won the confidence of all who had dealings with it and its importance and influence were continually increased.

It is not possible, in the space allotted to this article, to include more than the particularly prominent features of the development of the Chamber of Commerce of San Francisco, in the very long and interesting period (61 years) during which it has thrived and grown stronger.

The first articles of incorporation of this body set forth that its purpose was:

> "To promote and regulate the commerce of the Pacific and to foster and encourage all the great interests of the State of California connected with, and affecting the trade and commerce of San Francisco."

At the beginning of the Chamber's activity, practically all the permanent means for the "promotion of commerce" were uncreated. The city of San Francisco contained a large floating population, which was alert to take advantage of any opportunity to accumulate wealth by placer mining, or merchandising, or through any form of industry that paid large returns. The great majority of the people expected to remain in this State only until they could get together some considerable sum to carry away to the Eastern part of the United States or abroad.

The dwellers in San Francisco in 1850 included many of wisdom and foresight. To them the future began to reveal itself to some extent. The vast richness of the placer gold mines, which yielded in one year $83,000,000, supplied a sufficient inducement to bring enterprising men to San Francisco from all portions of the world. The wide extent of the country where gold could be taken out at small expenditure of labor (comparatively speaking) caused the rivers and mountains and valleys to be explored. Incidental to the gold placer industry, farming was necessary to furnish supplies to the miners. This brought about some conception of the agricultural possibilities of California and of its climatic advantages. Ten years after the discovery of gold at Coloma, the fact was generally accepted that California had great advantages.

Before that time the Chamber of Commerce began to exert its influence to bring about facilities for the transaction of commerce. In procuring lighthouses, the removal of obstructions to navigation, the establishment of the first steamship line between San Francisco and China, in its continual attention to legislation and successful advocacy of measures beneficial to the Pacific Coast, it took rank in its earlier career as a powerful and public-spirited body. Its influence was brought to bear to prevent the monopoly of the San Francisco waterfront by individuals and a successful issue was obtained.

The present work of the Chamber is along the same general lines. It entertains noted visitors; maintains correspondence with Chambers of Commerce and Boards of Trade in all parts of the civilized world; publishes a journal devoted entirely to the promotion of commerce; maintains a Bureau at Washington with a salaried influential representative to care for the interests of San Francisco and California at large; maintains friendly relations with countries bordering on the Pacific Ocean; co-operates with other organizations in National matters relating to the welfare of trade and commerce and in all ways stands loyally for the interests of the Pacific Coast. In 1906 the Chamber established a Bureau which did much to facilitate the settlement of the vast insurance losses incidental to the great San Francisco fire of that year, and also in restoring general confidence. The Chamber has at this writing more than seven hundred members, who represent every line of business connected with the material interests of San Francisco and California.

WM. MATSON.

JOURNAL SHOULD BE ENCOURAGED.

(From the Grizzly Bear, Los Angeles.)

Number 1, Volume 1, of the Chamber of Commerce Journal, issued by the San Francisco Chamber of Commerce, has made its appearance. The Journal naturally will zealously labor for the best interests of San Francisco, but promises to use its good efforts to place all the interests of California in touch continually with all portions of the world. The Chamber of Commerce having a large number of influential connections both in foreign countries and the United States, the Journal can, and no doubt will be, an important factor in the future development of this State, and should be encouraged and meet with success.

OUR IMPORTANT DOMESTIC CONNECTIONS

The American Correspondents of the Chamber in addition to a very large representation of the commercial organizations of California, include the following, representing many other commercial centers:

The Chamber of Commerce of the State of New York, New York.
Chamber of Commerce, Boston, Mass.
Board of Trade and Transportation, New York, N. Y.
New York Produce Exchange, New York, N. Y.
Philadelphia Maritime Exchange, Philadelphia, Pa.
Baltimore Board of Trade, Baltimore, Md.
Chamber of Commerce, New Orleans, La.
Chamber of Commerce, Cincinnati, Ohio.
Chamber of Commerce, Savannah, Ga.
Chamber of Commerce, Galveston, Texas.
Chicago Board of Trade, Chicago, Ill.
Peoria Board of Trade, Peoria, Ill.
Pittsburg Chamber of Commerce, Pittsburg, Pa.
Chicago Chamber of Commerce, Chicago, Ill.
Chamber of Commerce, New Haven, Conn.
Commercial Club, St. Paul, Minn.
Commercial Club, Cedar Rapids, Iowa.
National Board of Trade, Philadelphia, Pa.
Manila Chamber of Commerce, Manila, P. I.
Labor Information Office for Italians, New York.
Commercial Exchange of Philadelphia, Philadelphia, Pa.
Board of Trade, Saginaw, Mich.
Boston Merchants' Association, Boston, Mass.
Chamber of Commerce, Dayton, Ohio.
Chamber of Commerce, Buffalo, N. Y.
Commercial Club of Fargo, N. D.
Portland Commercial Club, Portland, Ore.
Honolulu Chamber of Commerce, Honolulu, H. I.
Commercial Club of Kansas City, Kansas City, Mo.
National Business League of America, Chicago, Ill.
Denver Chamber of Commerce, Denver, Colo.
Bath Board of Trade, Bath, Me.
Chamber of Commerce, Sault Ste. Marie, Mich.
Merchants' Exchange, St. Louis, Mo.
Omaha Board of Trade, Omaha, Neb.
Board of Trade, Newark, N. J.
Chamber of Commerce, Cleveland, Ohio.
Philadelphia Board of Trade, Philadelphia, Pa.
Chamber of Commerce, Richmond, Va.
Chamber of Commerce, Aberdeen, Wash.
Chamber of Commerce, Spokane, Wash.
Chamber of Commerce, Tacoma, Wash.
Chamber of Commerce, Seattle, Wash.
Portland Chamber of Commerce, Portland, Ore.
Astoria Chamber of Commerce, Astoria, Ore.
Chamber of Commerce, Salt Lake City, Utah.
Milwaukee Chamber of Commerce, Milwaukee, Wis.
Merchants' Exchange, Memphis, Tenn.
Commercial and Industrial Association, Montgomery, Ala.
Merchants' and Manufacturers' Association, Baltimore, Md.
Board of Trade, Springfield, Mass.
Staten Island Chamber of Commerce, Staten Island, N. Y.
Business Men's Association, Pueblo, Colo.
Philadelphia Commercial Museum, Philadelphia, Pa.
American Chamber of Commerce, Manila, P. I.

PROMOTION BY CHAMBERS OF COMMERCE

(From Bulletin entitled "Export Trade Exploitation," issued by the Bureau of Manufactures of the Department of Commerce and Labor.)

A feature of the promotion of foreign trade by leading European countries, largely under Government auspices and aid, is the extensive system of chambers of commerce in numerous foreign ports. The following report from Smyrna describes the typical French institution of this kind:

It was founded in 1890 under the initiative of prominent French merchants established in the city. Any French subjects or protegés residing in Smyrna, as well as merchants or manufacturers settled in foreign lands, can be members of the institution. The French consul general is honorary president. The committee, consisting of six members, elected for three years and representing as nearly as possible the different lines of trade, presides over the chamber of commerce. The members of the committee must have a good business record of at least three years and not be under 25 years of age. They are under obligation to be present at all the meetings of the committee, except in cases of force majeure. The committee has charge of the following work:

(1) To collect such information as may be profitable to French commerce. (2) To furnish information and advice on trade matters and on Turkish law. (3) To supply the French or Turkish authorities with reports or memoranda on questions of general interest. (4) To enter into direct relations with French chambers of commerce in France and other countries. (5) To study the means of developing French commerce in the Turkish Empire and Turkish commerce in France. (6) To report on imitations of French trade-marks. (7) To furnish advice on matters pertaining to local commercial customs. (8) To encourage arbitration in commercial matters between French subjects, or between French and foreign subjects.

Any active or honorary member has the right to call on the committee for commercial information which he may need. This is furnished free, but without responsibility. The president turns over the matter to two members, who have to present a written report on the information desired. A monthly bulletin is published and distributed to all members. Outsiders may subscribe for same for the sum of 12 francs ($2.32) a year. This bulletin takes up matters of commercial interest. A review of the market is also given with valuable information regarding the leading staple products of this section.

The expenses of the chamber of commerce are covered by annual subscriptions of 12 francs ($2.32) from each member. The French Government has this year presented to the three French institutions—chamber of commerce, relief society, and Alliance France—the old building of the French consulate, which is now being refitted to provide adequate quarters for these institutions.

STUDYING MARKET CONDITIONS IN NEW ZEALAND.

A communication has been received by the Associated Chambers of Commerce of the Pacific Coast, of which the Chamber of Commerce of San Francisco is a member, from Mr. D. A. Skinner, Acting Chief of the Bureau of Manufactures of the Department of Commerce and Labor, at Washington, D. C., which is as follows:

"I have the honor to transmit herewith a copy of the *Daily Consular and Trade Reports*, dated May 17, 1911, containing on page 731 an announcement to the effect that Henry D. Baker, American Consul at Hobart, Tasmania, has been sent by the Department of State to New Zealand to investigate market openings for American goods in that country. Such an investigation should prove beneficial to manufacturers and others on the West Coast interested in export trade. It is respectfully requested that the Associated Chambers of Commerce bring this matter to the attention of the various organizations forming its membership with a view to inviting suggestions for special investigations relating to the commerce and industries of New Zealand. It is suggested that those interested might submit to the Bureau of Manufactures a list of interrogatories indicating the facts which would be of value or assistance to Mr. Baker in making inquiry into the various trades and submitting reports in regard thereto. The interrogatories should be specific, and such as will elicit the definite information desired. The Bureau of Manufactures desires to co-operate with the Department of State in assisting Mr. Baker in his investigation, and any letters received in response to this communication will be transmitted to the Department of State for Mr. Baker's information.

"The Bureau of Manufactures will appreciate your co-operation in this matter."

Members of the Chamber who may have suggestions to offer are requested to forward same direct to the Bureau of Manufactures.

WILL HELP TO EXTEND TRADE OF CALIFORNIA.

The following has been received from the American Consular Service at Quebec, Canada:

"Chamber of Commerce, San Francisco, Cal.

"Gentlemen: I desire to acknowledge the receipt of your publication entitled CHAMBER OF COMMERCE JOURNAL, Vol. I, No. 1, for April, 1911. The literature forwarded by you will be placed on file at this office among other commercial journals for future reference and for the benefit of all persons interested in the same. With the assurance that I shall be pleased to do all I can in extending the trade of your dealers and manufacturers to this district, I beg to be, respectfully yours,

"G. WILLRICH, American Consul."

Consul General Richard Guenther, stationed at Cape Town, South Africa, reports that Cape Town will soon have a whaling industry. R. Irvin & Sons, a trawling and fishing firm, are back of the enterprise. Operations may be started this month. An agent was sent to England some time ago to secure and fit up two small and two large vessels, with all the latest appliances. The firm also has planned to have a large steamer fitted up as a floating factory. The head offices of the firm will be in Cape Town. Operations will be conducted around the West Coast and the South African Coast generally.

ALL AMERICAN CONSULS ARE ADDRESSED.

The following is a copy of a letter sent to all United States Consuls abroad by this Chamber:

"May 23, 1911.

"Dear Sir: We are sending you, under separate cover, a copy of the CHAMBER OF COMMERCE JOURNAL, issued by the Chamber of Commerce of San Francisco. Therein the commercial situation of San Francisco; also the natural products of California are discussed. You will also note a classified list of our members. Do you think that the dissemination of such information will be beneficial to our city and State? If so, will you please furnish us a list of those prominent individuals, firms and institutions in your district to whom we can send the JOURNAL.

"Yours very truly, WILLIAM MATSON, President."

CONGRATULATIONS FROM NEW YORK CHAMBER.

The following has been received by the Secretary of this Chamber from the Chamber of Commerce of the State of New York, which organization was founded April 5, 1768, and which is among the oldest and most influential commercial bodies in the United States:

"My Dear Sir: I have received and examined with great interest the first two numbers of the JOURNAL issued by the Chamber of Commerce of San Francisco, and desire to congratulate you on your enterprise and public spirit. From the experience which we have had here in the publication of a *Monthly Bulletin*, I assure you that its publication will aid greatly in promoting the interests of your organization, as well as the interests of the city of San Francisco. I am particularly pleased with the fact that you do not print advertisements in your JOURNAL. I am sure that in this you are following a wise policy.

"With best wishes for your continued success, I am

"Yours very truly SERENO S. PRATT, Secretary.

"Mr. Chester W. Burks, Secretary,

"The Chamber of Commerce of San Francisco,

"San Francisco, California."

PACIFIC ENTRANCE TO THE CANAL.

(From the Canal Record.)

It is now possible for ships drawing 18 feet of water to use the Canal at the Pacific entrance from the beginning of the channel in Panama bay to a point eight miles inland, at the lower end of Miraflores Locks, but the Canal is only partially completed to that point, because the channel is not its full width of 500 feet in some parts, and in the last three miles is not at its final depth. Only the first five miles are open to navigation.

The seagoing suction dredge *Culebra* and the ladder dredges *Badger* and *Marmot*, are working in the channel immediately below the lock site, opposite Corozal. These dredges are digging out clay and small rock down to the surface of solid rock that overlies the bottom. After the mud is scraped off the rock, a dam will be thrown across the channel and the water will be pumped out of the basin thus formed, and the rock will then be blasted in the dry. After it is broken up it can be taken out by steam shovel or by the deep digging ladder dredge now building in Scotland.

FOREIGN CONSULAR OFFICIALS COMMEND

JOURNAL GOES TO RUSSIAN DEPARTMENT OF COMMERCE.

The following communication has been received from Mr. P. Rodjestvensky, the Consul General for Russia at San Francisco, by the President:

"In reply to your letter of the 23rd instant I beg to inform you that extracts from the CHAMBER OF COMMERCE JOURNAL, showing the commercial situation of San Francisco, have already been communicated to the Russian Department of Commerce by this Consulate. I suppose that they will be printed in the *Messenger de Finances*, which is the official Russian commercial publication in St. Petersburg, and to the office of which all information of the character you deisre to disseminate might be communicated by you. Furthermore, in view of the coming exposition and consequent interest in various facts concerning California, it might be advisable to place information regarding the natural products of California at the disposal of the American Consulates in Russia, which would thus be in a position to answer any inquiries made there; while, on the other hand, all inquiries addressed to this Consulate by persons residing in Russia are and will be attended to by this office, and in this way all Russian subjects would be posted on the conditions of commerce and the natural resources of California."

U. S. CONSUL AT LEEDS, ENGLAND, WILL ASSIST.

The following has been received from Benjamin F. Chase, American Consul at Leeds, England:

"Volume 1, Number 1, of the CHAMBER OF COMMERCE JOURNAL has just reached this office. It will be read with interest and placed upon our files for reference. Will be glad to aid you in any way possible. Leeds has quite a large Chamber of Commerce with Rhodes K. Calvert, Esq., 7 Greek street, Leeds, as secretary. They got out a very useful year book in 1910, a copy of which I sent to the Department, but do not get out other than their annual report, which is generally brief. Some of the cities, e. g., Dayton, Ohio, and Worcester, Massachusetts, send us their publications regularly for the files. Cannot guarantee any returns from here for you but would be glad to have your publication for the files as well."

SUB-TREASURY PLANS HAVE BEEN APPROVED. BUILDING WILL BE RUSHED.

Hon. Julius Kahn has addressed a letter to President Matson of this Chamber, announcing that the plans for the new Sub-Treasury Building at San Francisco have been approved.

Mr. Kahn writes: "I was assured by the Assistant Secretary of the Treasury that from now on the work on this building will be carried on with energy."

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency.....733 Merchants Exchange.
Green, J. Chas. Company.....Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co.....530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co.....576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co.....874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc.....542-546 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.)....1460 Market St.
Leavitt, J. W. & Co.....301 Golden Gate Ave.
Pioneer Automobile Co.....515 Van Ness Ave.
The Pierce Arrow Sales Company.....330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works.....384 Second St.

BAGS.

Ames Harris-Neville Co.....100 Potrero Ave.
Bemis Bros. Bag Co.....Sansome & Vallejo Sts.
Plummer, W. A.....37 Front St.

BANKS AND BANKERS.

The American National Bank of San Francisco....Merchants Exch. Bldg.
The Bank of California (National Association)....400 California St.
The Anglo-California Trust Co.....16th & Mission Sts.
The Anglo & London Paris National Bank.....NW cor Sutter & Sansome.
The Bank of British North America.....264 California St.
Bank of Italy.....552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California.....325 Clunie Bldg.
Canadian Bank of Commerce.....SE cor California & Sansome Sts.
Canton Bank.....653 Kearny St.
Crocker National Bank.....Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co.....100 Montgomery St.
First National Bank of San Francisco.....NW cor Post & Montgomery Sts.
French-American Bank.....108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd.....415 Sansome St.
German Savings & Loan Society.....526 California St.
Halsey, N. W. & Co. (Bankers and Brokers).....424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation).....411 Montgomery St.
Hellman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco).....2 Montgomery St.
Humboldt Savings Bank.....783 Market St.
International Banking Corporation.....200 Montgomery St.
Italian-American Bank.....460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society.....Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank.....100 Market St.
McNear Geo. P.....Petaluma, Cal.
Mercantile National Bank of San Francisco.....464 California St.
Meyer, Daniel, Banker.....244 Pine St.
The Mission Bank.....16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank..Phelan Bldg.
Portuguese American Bank.....SW cor Clay & Front Sts.
San Francisco Savings Union.....NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco.....101 Market St.
Security Savings Bank.....316 Montgomery St.
Sutro, Chas., Banker and Broker.....412 Montgomery St.
Wells Fargo-Nevada National Bank.....4 Montgomery St.
Western Metropolis National Bank.....Market & New Montgmy.

BASKETS.

Weston Basket & Barrel Co.....3rd & Berry Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co.....317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co.....30-32 Fremont St.
Degen, L. P. Belting Co.....260 Mission St.
Pacific Coast Rubber Co.....416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John.....18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works.....Main & Folsom.

BOLTS.

Payne's Bolt Works.....133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co.....557 Mission St.
Buckingham & Hecht.....SW cor 2nd & Mission.
Nolan-Earl Shoe Co.....727-29 Mission St.
Williams-Marvin Co.....25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co.....Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc.....Beach nr. Taylor St.

BRASS GOODS.

Garratt, W. T. & Co. ..... 299 Fremont St.

BREWERIES.

Nunan, Matthew ..... 1241-67 Howard St.
San Francisco Breweries, Ltd. ..... 240 Second St.
Union Brewing & Malting Co. ..... 18th & Florida Sts.
Wilson Distilling Co. ..... 203 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co. ..... 259 Russ Bldg.
Clark, N. & Sons. ..... 19 Spear St.
Gladding, McBean & Co. ..... 311 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks. ..... Mills Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co. ..... 544 Sansome St.
Mayhew, F. E. & Co. ..... 510 Battery St.
Swayne, Hoyt & Co. ..... 412-14 Battery St.
St. John, Chauncey M. ..... 510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co. ..... 300 Sansome St.
Barth, J. & Co. ..... 480 California St.
Brown, Walker, Simmons Co. ..... 612 Crocker Bldg.
Houseworth, F. A. ..... 615 Chronicle Bldg.
Pollitz, Edward & Co. ..... 419 California St.
Raiss, Carl ..... 310 Sansome St.
Rollins, E. H. & Sons. ..... 1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan) ..... 433 California St.
Wilson, J. C. ..... Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association ..... Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company ..... 59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co. ..... 1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company ..... 1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co. ..... 19th & Bryant Sts.

CANNED GOODS.

Armsby, J. K. Co. ..... 627 Howard St.
California Canneries Company ..... 600 Minnesota St.
California Fruit Canners' Association ..... 120 Market St.
Golden State Asparagus Co. ..... 16 California St.
Griffith-Durney Co. ..... 1 Drumm St.
Hunt Bros. Co. ..... 112 Market St.
Long Syrup Refining Co. ..... 16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co. ..... 440 Montgomery St.
Brenner, Gustave ..... 2286 Jackson St.
Coleman, Edward ..... 1701 Franklin St.
De Sabla, Eugene J. ..... Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela) ..... 1304 Merchants Exch.
Eastland, Thomas B. ..... 1304 Merchants Exch.
Flood, James L. ..... 208 Flood Bldg.
Foster, A. W. ..... 1210 Flood Bldg.
Greenebaum, M. ..... 740 Mission St.
Hopkins, E. W. ..... 354 Pine St.
Kohl, C. Frederick ..... Kohl Bldg.
Law, Herbert E. ..... 500 Monadnock Bldg.
McCreery, Andrew B. ..... 221 Sansome St.
Spreckels, Rudolph ..... 1st National Bank Bldg.
Williams, Hon. A. P. ..... Fairmont Hotel.
Whitney, J. Parker ..... 133 Geary St.
Whittell, George ..... 166 Geary St.
Worden, Clinton E. ..... 1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. ..... 2198 Geary St.

CARPETS (SEE FURNITURE.)

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M. ..... 201 Montgomery St.
Boskowitz, Frank ..... 63 California St.
Ehrman Bros. & Co. ..... 134 Front St.
M. A. Gunst & Co. ..... 201 California St.
Whitaker, G. W. (The John Bollman Co.) ..... 331 Battery St.
Wolf, Edward Company ..... 161-7 California St.

CIRCULAR DISTRIBUTORS.

Weil, Wm. M. ..... 27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D. ..... 940 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co. ..... 311 Crocker Bldg.

CLOTHIERS.

Roos Bros. ..... Market at Stockton St.

CLOTHING MANUFACTURERS.

Eloesser-Heynemann Co. ..... 77-87 Battery St.

COAL (WHOLESALE.)

R. Dunsmuir's Sons Co. ..... 340 Stewart St.
Pacific Coast Coal Co. ..... 340 Stewart St.
Smellie, Wm. ..... Russ Bldg.
Smith, James B. (Western Fuel Co.) ..... 430 California St.
Stafford, W. G. & Co. ..... 234 Stewart St.
Western Fuel Co. ..... 430 California St.
Moore, J. J. & Co. ..... 225 Pine St.

CODFISH.

Alaska Codfish Co. ..... 10 Main St.
Union Fish Co. ..... 40 Clay St.

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co. ..... 126 Mission St.
Caswell, Geo. W. Co. ..... 530 Folsom St.
Folger, J. A. & Co. ..... Howard & Spear Sts.
Hills Bros. ..... 175 Fremont St.
Jones, Paddock Co. ..... 228-230 Fremont St.
Schilling, A. & Co. ..... 2nd & Folsom Sts.
Siegfried, J. C. & Co. ..... 268 Market St.
Tyler, S. H. & Son ..... 147 Sacramento St.

COMMISSION MERCHANTS.

Everding, J. & Co. ..... 80-82 Clay St.
Galli, A., Fruit Co. ..... 292 Washington St.
Garcia & Maggini Co. ..... 302 Drumm St.
Hammer & Co. ..... 310 Clay St.
Jacobs, Malcolm & Burtt, Inc. ..... 255 Drumm St.
Spohn, John H. Co. ..... 49 Main St.

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co. ..... 57 Post St.

CONTRACTORS.

Chadwick & Sykes, Inc. ..... 418 Crocker Bldg.
Church, D. O. ..... 555 Tenth St.
City Street Improvement Co. ..... Merchants Exchange.
Healy-Tibbitts Construction Co. ..... 268 Market St.
Hicks, Lewis A. Company ..... 662 Humboldt Bk. Bldg.
Mahony Brothers ..... Crocker Bldg.
Malley, Edward ..... 1384 McAllister.
Smith, Rice & Company ..... 118 Howard St.
San Francisco Bridge Co. ..... 865 Monadnock Bldg.
Thomson Bridge Co. ..... 103 Main St.
Whitley, Henry A. ..... 456 Mills Bldg.

COOPERAGE.

California Barrel Co. ..... 509 Monadnock Bldg.
Koster, John A. (California Barrel Co.) ..... 509 Monadnock Bldg.
Weston Basket & Barrel Co. ..... 3rd & Berry Sts.

CORDAGE.

Tubbs Cordage Co. ..... Kohl Bldg.

CORNICE WORKS.

Forderer Cornice Works ..... 269 Potrero Ave.

COTTON MILLS.

California Cotton Mills Co. ..... 310 California St.

CRACKERS.

Standard Biscuit Co. ..... NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) ..... 815 Battery St.

CREAMERIES.

Isleton Butter Company ..... 53-57 California St.

CROCKERY AND GLASSWARE.

Schloss, Ben ..... 17 Beale St.
Nathan-Dohrmann Company ..... SW cor Geary & Stockton

DAIRIES.

Columbia Dairy (Col. Geo. H. Pippy) ..... 231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The ..... 43-49 Main St.

DRAYING.

McNab & Smith ..... 40 Davis St.
Overland Freight Transfer Co. ..... 35 Second St.

DRIED FRUITS.

Armsby, J. K. Co. ..... 627 Howard St.
California Fruit Canners' Association ..... 120 Market St.
Castle Brothers ..... 149 California St.
Griffin & Skelley Co. ..... 16 California St.
Guggenhime & Co. ..... 100 California St.
Inderrieden, J. B. Co. ..... 112 Market St.
Madison & Bonner ..... 112 Market St.
Phoenix Packing Co. ..... 16 California St.
Rosenberg Bros. & Co. ..... 153 California St.

DRUGS AND CHEMICALS.

Braun, Knecht, Heimann Co. ..... 576 Mission St.
Coffin-Redington Co. ..... 35 Second St.
General Chemical Co. of California ..... 657 Mills Bldg.
Langley & Michaels Co. ..... 50-60 First St.
Eli, Lilly & Co. ..... 50 First St.
Merwe & Prien Co. ..... 404 Mission St.
Scott & Gilbert Co. ..... 45 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspeil, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Chas. C. Moore & Co., Engineers, Inc.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....Mer. Exch. Bldg.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....1018 Merchants Exch.
Moore-Ferguson Co.....244 California St.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....661 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St.
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kalisher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Armsby, J. K. Co.....627 Howard St.
Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Steuart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....726 Market St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.)..Shreve Bldg.
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.)..268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....705 Sansome St.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St.
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg.
Kutner, Goldstein Co.....408 Merchants Exchange.
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St.
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange.
Otis, McAllister & Co.....310 California St.
Orient Trade Co.....244 California St.
Parrott & Co.....320 California St.
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg.
Sherwood & Sherwood.....41-47 Beale St.
Tetzen, Ch. & Co., Inc.....818 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 510 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Clarkson, Dye ..... 653 Kearny St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Reinfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 214 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V. ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 356 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Bisdon Iron Works ..... 503 Market St.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 216 Mission St.
Ciocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Raas Co. ..... 535 Folsom St.
Naber, Alfs & Brune ..... 825 Mission St.
Pascal, Duboelat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1844 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 41 Drumm St.
Taussig, Louis & Co. ..... Main & Mission Sts.
Vignier Ami, Inc. ..... 605 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc. ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 6th & Channel Sts.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... Lombard & Montgy. Sts.
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 2401 San Jose Ave.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 657 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White Bros., Inc. ..... 5th & Brannan Sts.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co. ..... 214 California St.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. F. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Henshaw, Bulkley & Co. ..... 19-21 Fremont St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Laundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John R. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 791-793 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 381 Second St.

MINING.

Belshaw, C. M. ..... 1104 Humboldt Bk. Bldg
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 109 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville ..... 1001-8 Balboa Bldg.
Bonny Bruce .....
Bunker, William M. ..... 1339 Merchants Exch.
Crocker, Henry J. ..... West Coast Life Bldg.
Cutting Packing Co. ..... 510 Kohl Bldg.
Dean, W. E. ..... 905 Kohl Bldg.
Dieriex, A. D. ..... 268 Market St.
Earl D. W. ..... 307 Crocker Bldg.
Eldredge, Zoeth S. ..... 2621 Devisadero St.
Gray, G. P. ..... 610 Wells Fargo Bldg.
Greenewald, O. H. ..... Alaska Commercial Bldg.
Howard, H. Z. ..... 3739 Clay St.
Lemon, Arthur ..... 3462 19th St.
Lester, Herrick & Herrick ..... 404 Merchants Exchange.
Lilienthal, E. R. ..... Alaska Commercial Bldg.
Lindsey, M. G. ..... 268 Market St.
Loveland, H. D. ..... 759-767 Monadnock Bldg.
Mayheck, B. R. ..... Room 426, No. 35 Montgomery St.
McDougall, C. C. ..... 235 Montgomery St.
McLaren, Goode & Co. ..... 519 California St.
McLaughlin Co., The ..... 345 Pine St.
Metcalfe, J. ..... 454 California St.
Miller, J. R. ..... Lick Bldg.
Ralston, A. J. ..... C/o Berkeley Inn, Berkeley, Cal.
Reid Bros. ..... Call Bldg.
Smith, Arthur A. ..... 2501 Steiner St.
Sperry, Geo. B. ..... 2555 Larkin St.
Tillmann, F., Jr. ..... 8 Pine St.
Ward, Clarence ..... Alaska Commercial Bldg.
Wheeler, Wm. R. ..... Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co. ..... SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau) ..... 88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager ..... 3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin") ..... 767 Market St.
De Young, Charles, San Francisco "Chronicle" ..... Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle") ..... Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker" ..... 451 Montgomery St.

OILS.

Associated Oil Co. ..... 728 Wells Fargo Bldg.
Baker, John, Jr., Claremont Oil Co. ..... Crocker Bldg.
Morshead, Stanley W. ..... 255 Kohl Bldg.
Sesnon Oil Company ..... 928 Monadnock Bldg.
Standard Oil Co. ..... 461 Market St.
Union Oil Co. of California ..... 201 Mills Bldg.
Valvoline Oil Co. ..... 440 Brannan St.

OPTICIANS.

California Optical Co. ..... 181 Post St.

ORNAMENTAL IRON AND BRONZE.

Rudgear-Merle Co. ..... Bay, Stockton & N. Point

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co. ..... 627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co. ..... 816 Mission St.
Clinch, C. G. & Co. ..... 156 King St.
Fuller, W. P. & Co. ..... Beale & Mission Sts.
Paraffine Paint Company, The ..... 34 First St.
Whittier, W. F. ..... 301 Howard St.

PAPER.

Blake, Moffitt & Towne ..... 1400 Fourth St.
California Paper & Board Mills ..... 310 California St.
Everett Pulp & Paper Company ..... 244 California St.
Fleishhacker, A. & Co. ..... 134 Fremont St.
Pacific Coast Paper Co. ..... 545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co. ..... Alaska Commercial Bldg.
Williar, H. R. ..... 260 California St.
Zellerbach Paper Co. ..... Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co. ..... 134 Fremont St.

PAVING.

City Street Improvement Co. ..... Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California ..... 444 Market St.

PLATING WORKS.

Denniston, E. G. ..... 1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company ..... 2nd and Brannan Sts.
Dalziel, Moller Co. ..... 543 Mission St.
Lally Company ..... First & Folsom Sts.
Tay, George H. Co. ..... 617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey ..... 522 Sacramento St.

POWDER.

Du Pont de Nemours Powder Co., E. I. ..... Chronicle Bldg
The Giant Powder Co., Con. ..... 202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company ..... Shreve Bldg.
Mack, Adolph, President City Electric Co. ..... 350 Mills Bldg.
Martin, John, President Coast Counties Light & Power Co. ..... 708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation ..... 519 California St.
San Francisco Gas & Electric Co. ..... 445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company ..... 251 Bush St.
Neal, George F. (Neal Publishing Co.) ..... 66 Fremont St.
Pacific Manifolding Book Co. ..... 268 Market St.
Shannon-Conmy Printing Co. ..... 509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co. ..... 36-48 Spear St.
Hillmer, Fred L. Company ..... SW cor Davis & Sacramento Sts.
Isleton Butter Company ..... 53-57 California St.
Levy, Schweitzer & Co. ..... 1412 Bush St.
Miller & Lux, Inc. ..... 1314 Merchants Exch.
Roth, Blum & Co. ..... 24 California St.
Swift & Co. ..... Davis & Pacific Sts.
South San Francisco Packing & Provision Co. ..... 407-13 Front St.
Western Meat Co. ..... 6th & Townsend Sts.
Willits & Patterson ..... 85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co. ..... Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co. ..... 71 First St.
Orenstein-Arthur-Koppel Co. ..... 419 Chronicle Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co. ..... 160 Sutter St.
Boyd, John F. ..... 255 California St.
Harrigan, Weidenmuller & Rosenstirn ..... 345 Montgomery St.
Hecht Investment Co. ..... 706 Kohl Bldg.
Hechtman, A. J. ..... 508 Kohl Bldg.
Hihn, F. A. ..... Santa Cruz, Cal.
Holmes Investment Co., The ..... 68 Post St.
Hooker, Robert G. ..... Hooker & Lent Bldg.
Lent, George H. ..... Hooker & Lent Bldg.
Lyon & Hoag ..... 636 Market St.
Magee, Thomas & Sons ..... 5 Montgomery St.
McGaw, John & Co. ..... 232 Montgomery St.
Mann, Clarence M. ..... 282 Bush St.
Martin, Peter D. ..... First Natl. Bank Bldg.
Martin, Walter S. ..... 702 Call Bldg.
Parkside Realty Co. of San Francisco ..... 409 Crocker Bldg
Shainwald, Buckbee & Co. ..... 27 Montgomery St.
Sheldon, Willard M. ..... 324 Crocker Bldg
Speck, John H. ..... 229 Montgomery St.
Umbsen, G. H. & Co. ..... 20 Montgomery St.
Wooster, C. M. ..... 702 Market St.
Wright, J. W. & Company ..... Mills Bldg.

RICE.

Brown, A. A. Co. ..... 254 California St.

RUBBER GOODS.

American Rubber Mfg. Co. ..... 9 Beale St.
Goodyear Rubber Co. ..... 573-589 Market St.
Gorham Rubber Co. ..... 50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co. ..... 46 Sacramento St.
California Salt Co. ..... Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc. ..... 157-161 Main St.
California Saw Works ..... 721 Brannan St.

SCALES.

Fairbanks, Morse & Co. ..... 158 First St.

SEEDS.

Morse, C. C. & Co. ..... 48-56 Jackson St

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co. ..... 1460 Market St.

SHIP BROKERS.

Page Brothers ..... 310 California St.

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works ..... Main & Howard Sts.
Risdon Iron Works ..... Potrero.
Union Iron Works Co. ..... 20th & Michigan Sts.
United Engineering Works ..... 254 Spear St.
Vulcan Iron Works ..... 604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis ..... 34-36 Steuart St.
Hendry, C. J. Company ..... 64 Clay St.
Sellers & Madison Company ..... 94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway ..... 420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co. .....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....454 California St.
Chapman, J. F. & Co.....110 Market St.
Chesebrough, A. .....Alaska Commercial Bldg.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. .....255 California St.
Dimond, E. R. .....Alaska Commercial Bldg.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D.....110 Market St.
Gutte, I. (A Corporation).....214 Front St.
Hackfeld, H. & Co., Ltd. .....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, G. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The .....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Mailliard & Schmiedell .....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....442 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros. .....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc. .....244 California St.
Perkins, Geo. C. .....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spreckels, John D.....90 Clay St.
Sewall, Oscar T.....Alaska Commercial Bldg.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.

SILKS (Wholesale)

Clayburgh Brothers .....25-27 Sansome St.
Hart, B. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co. .....444 Market St.

SPORTING GOODS.

Golcher Bros. .....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. .....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson .....6th & Townsend Sts.
Mangrum & Otter .....561-563 Mission St.
Montague, W. W.....573 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co...268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company....254 California St.
Hawaiian Commercial & Sugar Company.....405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. .....268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co.....268 Market St.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Const Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company... .....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co. .....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. .....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TERRA COTTA AND POTTERY.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works .....Mills Bldg.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co. .....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman .....325-335 Davis St.
Schoenfeld, D. M.....516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co. .....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. .....Mills Bldg.
Alaska Pacific Steamship Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha .....Metrop. Bk. Bldg.
Bissell, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Buck, Walter E., Manager Associated Transportation Co. .....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Clark, Warren D., American-Hawaiian Steamship Co. .....Alaska Commercial Bldg.
Ebey, Harold H., Kosmos Line .....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. .....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads .....85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry. .....1st National Bank Bldg.
Samuels, Frederick S. .....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros. .....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. .....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse .....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. .....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co. .....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Rissinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

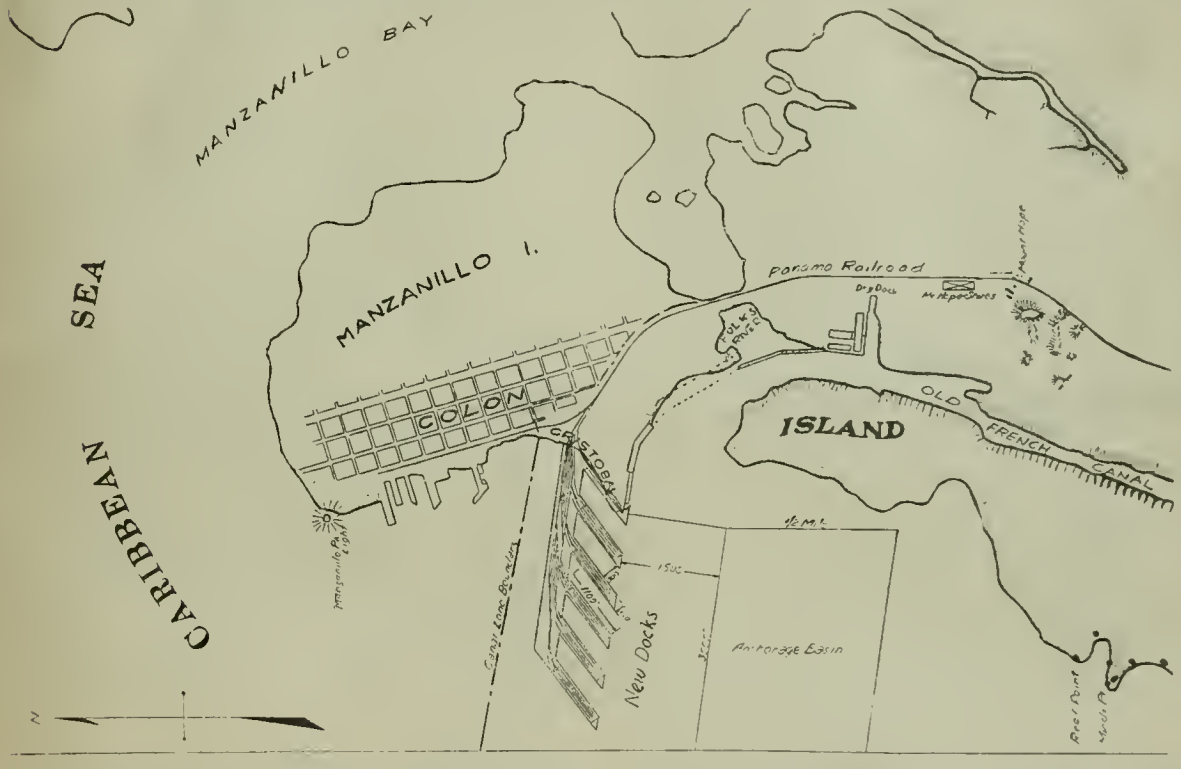
YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

Chamber of Commerce Journal.

ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO, SAN FRANCISCO, CALIFORNIA

VOL. 1 SAN FRANCISCO, CALIFORNIA, JULY, 1911 NO. 4



PLAN OF THE ATLANTIC TERMINAL DOCKS FOR THE PANAMA CANAL

The Chamber of Commerce Journal in this number gives the first pictorial representation of the plan that has been adopted for the terminal docks at the Atlantic ocean entrance to the Panama Canal that has been published in San Francisco. Great interest is attached locally to the developments of the canal in its important features. The size of the terminal docks on the Atlantic side of the canal will be studied. The Pacific Coast men of business and affairs will infer from the above picture something concerning the terminal docks to be constructed at the Pacific entrance.

The Canal Record gives the following particulars regarding the Atlantic terminal docks. There will be five reinforced concrete docks at which ten 1000-foot vessels, or twenty vessels of the type now in use in the Isthmian trade may tie up at once and take on or discharge cargo. Cristobal Point is the site selected for the Atlantic docks. These docks, according to a preliminary estimate, will cost $7,811,666. The docks and anchorage basin are pictured above.

There will be an anchorage basin east of the Canal; an artificial mole projecting from Cristobal Point and docks between this mole and the anchorage basin, and docks around Cristobal Point. Vessels will be completely sheltered without the construction of the east breakwater and can take on and discharge without entering the Canal. The nature of the construction has not been determined.

It is estimated that the breakwater and approaches to the docks will require 1,500,000 cubic yards of filling; and the piers themselves 913,000 cubic yards. There will also be required 675 steel cylinders, 152,565 cubic yards of concrete, 402,000 linear feet of reinforced concrete sheet piling, 1,498,560 pounds of steel girder, and 804,000 pounds of steel I-beam. The Pacific terminal docks plan is not at hand yet.

CONSULAR OFFICERS ASSIST SAN FRANCISCO

The pleasing announcement is made in this, the fourth number of the Chamber of Commerce Journal, that in the very brief time since No. 1 of the Journal was issued, the benefits which it was the purpose of the Trustees of the Chamber of Commerce of San Francisco to secure for the membership of the Chamber, and for San Francisco and all California, have already been made manifest.

Letters have been received from prominent organizations endorsing the aims of the Journal. Consular officers of the United States and of some foreign countries have taken means to call the Journal to the attention of thousands of prominent citizens, and thus accurate knowledge of California, and particularly of San Francisco, is extended in new fields.

One result of the work of this Journal, to date (and it will be remembered that the first number was issued in April, 1911), is made evident by the lists of leading men in various parts of the world, who desire copies of this publication. The means that have been employed up to date to secure publicity for the actual merits of California, and to have the names, business and postoffice addresses of every one of our members regularly filed in all leading centers of population in this country, in the Orient and in Europe, are the following:

The Journal has been sent to every commercial organization in foreign lands that is a correspondent of this Chamber.

To every important organization in the United States copies of the Journal have been forwarded regularly.

Every American consul abroad has been placed on the mailing list of the Journal.

A list of all foreign consulates in the United States is in preparation. To each of these the Journal will be forwarded, and thus the foreign consular officials in this country will be equipped with authentic information to supply to their countrymen on demand.

The advantages to be derived from each of these sources of dissemination of facts can be perceived easily. Our seven hundred members are advertised in new fields and the classified list of membership constitutes the only commercial financial and industrial directory that is revised carefully every month and sent out regularly to all parts of the world.

The Journal, originated by the Trustees of the Chamber of Commerce of San Francisco, and issued under the direction of the Board of Trustees, is already on the permanent files of the following:

Consul General P. Rodjestvensky, Consul General for Russia at San Francisco.

Mr. Benjamin F. Chase, United States Consul at Leeds, England.

Chamber of Commerce of the State of New York, which has been in existence since April 5, 1768.

Mr. G. Willrich, American Consul at Quebec, Canada.

Mr. North Winship, American Consul at Tahiti, Society Islands.

Mr. John E. Jones, American Consul General at Winnipeg, Manitoba, Canada.

Mr. H. A. Conant, American Consul at Windsor, Ontario.

Mr. Harry P. Dill, American Consul at Orillia, Ontario, Canada.

Mr. J. I. Brittain, American Consul at Prague, Bohemia, Austria.

Mr. Arturo Lorca, Consul for Chili, at San Francisco.

Mr. W. Maxwell Greene, American Consul at Hamilton, Bermuda.

Mr. James S. Benedict, American Consul at St. Johns, Newfoundland.

The Nagoya Chamber of Commerce, Japan, by Mr. B. Sano, Secretary.

Mr. James M. Shepard, Consul at Hamilton, Canada.

Mr. G. E. Chamberlain, American Consul at Cork, Ireland.

Mr. E. H. Dennison, American Consul at Dundee, Scotland.

Mr. Frederick M. Ryder, American Consul at Rimouski, Quebec.

Mr. William H. Orcutt, American Consul at Kingston, Jamaica.

Mr. George Gifford, American Consul at Basel, Switzerland.

Mr. A. Rankin, American Consul at Marseilles, France.

Mr. Frank H. Mason, American Consul General at Paris, France.

Mr. Ernest C. Oberhatzer, American Consul at Hanover, Germany.

Mr. A. Schlesinger, American Vice and Deputy Consul General at Munich, Germany.

Mr. Hunter Sharp, American Consul at Belfast, Ireland.

Mr. George B. Stephenson, Vice and Deputy American Consul at Liverpool, England.

Mr. Frederick S. Bright, American Consul at Hudderfield, England.

Mr. John L. Griffith, American Consul General at London.

Mr. Lorin A. Lathrop, American Consul at Cardiff, Wales.

Mr. M. J. Hendrick, American Consul at Moncton, New Brunswick.

Mr. J. H. Johnson, American Consul at Matamoras, Mexico.

Mr. Philip C. Hanna, Consul General at Monterey, N. L., Mexico.

Mr. Clarence A. Miller, American Consul at Tampico, Mexico.

Mr. Fred C. Slater, American Consul at Sarnia, Ontario, Canada.

Mr. Abraham E. Smith, American Consul at Victoria, B. C.

Mr. Albert C. Elert, American Consul General at Halifax, N. S.

Mr. Theodosius Botkin, American Consul at Campbellton, New Brunswick.

Mr. Arnold Shanklin, American Consul at the city of Mexico.

Mr. Andrew J. McConnico, American Consul at St. John's, Quebec.

Mr. Robert S. Chilton, Jr., American Consul at Toronto, Canada.

Mr. William W. Canada, American Consul at Vera Cruz, Mexico.

Mr. Boutwell Dunlap, Vice-Consul for the Argentine Republic, in San Francisco.

Mr. A. G. Seyfert, American Consul at Owen Sound, Ontario.

This list is the more interesting because the communication to consular officers by President Matson of this Chamber, inviting their co-operation, was sent out in June. Assurances of the favorable reception of the Journal and appreciation of the good work that can be done through its use are coming in daily. The list of writers of communications of this nature will be very long by the end of the present month.

Lists of prominent people who are concerned in business have been received from Consuls in England, Scotland, Ireland, Germany, France, Switzerland, Wales, Chili and Mexico. Many other lists, undoubtedly, will be received, the commercial value of which to San Francisco cannot be questioned.

"This office," so writes Consul General John E. Jones from Winnipeg, Manitoba, "is frequently in receipt of requests for information concerning California, and I would be pleased to receive publications describing conditions in your State."

FACTORS IN PROMOTION OF COMMERCE

ANNOUNCEMENT BY THE ISTHMIAN CANAL

The new terms fixed by the United States Government for the handling of coastwise freight by the Panama route have been accepted by the only Pacific carriers now in that trade, the Pacific Mail Steamship Co. and the California and Atlantic Steamship Co. They are as follows:

1. On and after June 1, 1911, on all traffic moving between ports upon the Pacific Coast of the United States and ports upon the Atlantic Coast of the United States upon which the annexed classified tariffs are charged, the division of tariff rates between the Panama Railroad Co. and its steamship connections will be as follows:

(a) Upon traffic where the water haul on the Atlantic side is performed by ships of the Panama Railroad Co., the division of rates will be forty (40) per cent to the Panama Railroad Co. for joint rail and steamship service, and sixty (60) per cent to the connection.

(b) Upon traffic where no part of the water haul is performed by the ships of the Panama Railroad Co., the rate for rail transportation across the Isthmus will be twenty-five (25) per cent of the through rate.

2. In the event that any connection of the Panama Railroad Co. should quote a through rate less than set forth in the annexed classified tariffs, the percentage payable to the Panama Railroad Co. will nevertheless be calculated upon the rates therein set forth, unless the Panama Railroad Co. should voluntarily consent to accept proportions upon a lower rate.

3. The Panama Railroad Co., until further notice, will furnish its Pacific connection on the Pacific side, coal at the same rate as it is furnished at Balboa to the Isthmian Canal Commission, and will make no charge at Balboa for wharfage or craneage upon coastwise traffic carried under tariffs which the Panama Railroad Co. has or shall hereafter agree to.

The terms above stated supersede those of the agreement of November 15, 1909, in which the Pacific co-carrier was given 70 per cent of the through rate, coal at cost at Balboa, and craneage and wharfage free; and a basic rate of $8 per net ton on eastbound and $9 on westbound freight was established. By this agreement the contract might be annulled on 90 days' notice. When it was found that the cost to the Panama Railroad of handling the freight was actually greater than the share it received of the total rate, the 90 days' notice was served by the Government on January 19, but the agreement was later extended until June 1.

WORLD TRADE DIRECTORY COMPILED.

A World Trade Directory, for the promotion of American export trade, a great volume of nearly 1200 pages, has been received by this Chamber from the Bureau of Manufactures of the Department of Commerce and Labor, of which Mr. A. H. Baldwin is chief. This Directory is of great value. It may be consulted by the members of this Chamber. The names included provide a list, classified by industries and products, of the leading dealers and importers of the world outside of the United States. They number many thousands.

GOES TO PRAGUE CHAMBER OF COMMERCE.

J. I. Brittain, U. S. Consul at Prague, Bohemia, Austria, writes to the Chamber of Commerce Journal: "I have given your Journal to the Prague Chamber of Commerce, as it is an important organization, covering a large territory. The city, with suburbs, has a population of 600,000 and is progressive. I would suggest that you correspond direct with the Prague Chamber of Commerce."

DIRECT STEAMSHIP SERVICE TO EUROPE.

At a monthly meeting of the Trustees of this Chamber held June 13, the following resolution was adopted:

"Resolved: That we endorse and recommend that the Associated Chambers of Commerce of the Pacific Coast take action with a view to inducing the operation of new Steamship lines between Europe and this Coast as soon as the Panama Canal is completed, thereby placing the Pacific Coast States on an equality with the Atlantic Coast States, in the importation of foreign markets; opening a broader market for the Pacific Coast States in Europe and other foreign countries; and encouraging emigration direct from Europe and other foreign countries to the Pacific Coast ports."

EXPORT INDEX WILL BE PREPARED.

From A. H. Baldwin, Chief of the Bureau of Manufactures of the Department of Commerce and Labor, a communication has been received by this Chamber that contains the following:

"The Bureau has in course of preparation an exporters' index in which will be classified according to product or output all manufacturers and others concerned in the export trade of the United States. When completed this index will be of invaluable assistance to the Bureau in placing promptly before manufacturers information which will be of direct concern to them in extending their foreign trade. It is, therefore, requested that you furnish the Bureau with a list of the members of your organization indicating by some distinctive mark those who are interested in the export trade, or who are in a position to be interested in that trade. If possible the list should be classified according to article or articles manufactured or handled, which would greatly facilitate the index work of this Bureau."

PACIFIC COAST SHIPPING OF PANAMA.

According to the Official Gazette, the Pacific Coast shipping of the Republic of Panama embraces the following vessels: Eight steamers of 859 tons, value $320,000; 24 gasoline launches or tugs, 77 tons, value, $40,200; 43 schooners of 1,161 tons, value $117,250; and 35 sloops of 198 tons, value $18,410. In addition to these there are 610 boats of various kinds from fruit boats to "dugouts," having a value of about $38,000.

WIDE PUBLICITY FOR CALIFORNIA.

In response to a request addressed to the Chamber of Commerce by Mr. Fred S. Shoup, Ticket Agent of the Southern Pacific Company at 633 Market Street, San Francisco, for information relative to California that the Chamber may compile, such information to be sent by the company to all parts of the world, the Secretary of the Chamber has returned the following communication:

"Please accept our thanks for your letter, advising of the opening of your office at 633 Market street, kindly offering to disseminate such literature and information as we have for distribution. The only publication which we issue other than our annual report is the Chamber of Commerce Journal, published monthly, and we are sending to you copies of our first three issues, which we would ask you to kindly peruse and advise us whether or not they will be of service to you. This Journal is being distributed monthly among the commercial and trade organizations throughout California and the United States. It is also forwarded to the leading Chambers of Commerce in the Orient and Europe and to all United States Consuls."

CHAMBER OF COMMERCE JOURNAL

Issued monthly by The Chamber of Commerce of San Francisco, from 431 California Street, San Francisco, California. Copies may be obtained from the Secretary.

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SAN FRANCISCO, CALIFORNIA, JULY, 1911

TRANSPORTATION TO THE EXPOSITION.

The following report has been received from William M. Bunker, the Washington, D. C., representative of the Chamber of Commerce of San Francisco:

"The Chamber of Commerce of San Francisco and the Panama-Pacific International Exposition have so much in common that the members of the Chamber are naturally interested in all facts bearing on this enterprise. Especially is this the case where the facts have a commercial coloring.

"As the material success of an exposition depends on the attendance, this phase of an exposition enterprise is most important. It has been said that from sixty to eighty per cent of the attendance at an American exposition is from the thousand-mile radius. Admitting this to have been the rule in the case of previous expositions, there are good reasons for assuming that it will not fit the San Francisco situation. No previous exposition has had a living international motive. The greatest modern achievement of the world is in the eye of the world. It interests, and deeply too, not alone the people within the thousand-mile radius of San Francisco, but those within the most remote radius. In figuring on the exposition attendance people usually count the foreign patronage as a small factor. They do not grasp the tremendous significance of the canal celebration. They do not see the waiting world. They do not realize that canal construction has advertised, and is still advertising the world over, the forthcoming jubilee. In the circumstances the exposition is a precedent in itself and the narrowing radius theory is valueless.

"The exposition will draw patronage from every country. Indeed the foreign attendance will prove to be one of the most profitable and entertaining features of the celebration. The wish is not father to the thought.

"I speak from actual experience. In the eighteen months preceding January last, I traveled widely in Europe, Africa, Ceylon, the Straits Settlements, Burma, Siam and India, with a view to learning some probable effects of the canal on San Francisco and also to learn to what extent remote people are interested in the Isthmian Canal enterprise. I am satisfied that foreigners will flock to San Francisco because of the celebration of a world event; because of the attractions of California and those of the Pacific Coast; and, finally, because of the new and short route from Europe to the Pacific shores. Foreigners will attend the celebration in immense numbers if the traveling facilities only equal the demand. These signs assure the necessary traveling facilities by land and sea. The Columbian Exposition at Chicago in 1893 was attended by 27,539,041 persons. The foreign attendance was light. Hitherto the foreign attendance at all the American expositions had been very small. The world as a whole has had no reason for visiting the United States. Now the world is hearing the joint call of the Isthmian Canal, the State of California, and the Pacific Coast.

"In considering the foreign attendance at the Panama Pacific International Exposition it must be borne in mind that San Francisco will enjoy ocean-carrying facilities so far superior to those of previous expositions that they must be carefully reckoned with. At the time of the Columbian Exposition in Chicago in 1893, sea travel between foreign countries and the United States was less than 40 per cent of today's figures. In the fiscal year ending June 30, 1900, seven years after the Chicago Exposition, the arrivals by sea from foreign countries were 594,478. The arrivals by sea in the fiscal year ending June 30, 1910, were 1,441,228.

"The foreign arrivals by sea in the fiscal year ending June 30, 1910, therefore exceeded by 846,750 the arrivals in the fiscal year ending June 30, 1900. As sea transportation facilities increase travel increases. This though suggests a tonnage statement. In 1900, Lloyd's gave the steamship tonnage of the world a total of 22,369,358 tons. The same authority gives the figures 37,290,695 for 1910. As the large trans-Atlantic steamship companies are adding steamers of record size to their fleets to meet the increasing travel, and that they may be ready to utilize the Panama Canal, there certainly will be no lack of accommodation for the over-sea foreigners bound for San Francisco in 1915 whatever the demand may be."

PROMOTING CALIFORNIA IN BRITISH COLUMBIA.

In a letter that has been received from United States Consul Abraham E. Smith, stationed at Vancouver, B. C., the following is included:

"Yours of the 23rd ult. came duly to hand. Contents carefully noted. The trade relations between Victoria and San Francisco are now very intimate, and grow with the increase of population and commerce. Especially are we of Vancouver Island dependent on California for fruit, and, indeed, for most of those edibles which make up the daily sustenance of the average man. Should think the circulation of your Journal would tend to familiarize those who receive it with the names of the business men of your city and State, and tend to yet more increase the volume of trade. Below find names of individuals and firms in Victoria to whom, in my opinion, it would be to the advantage of your members to send your Journal."

GLORIOUS HISTORY OF THE PORTSMOUTH

Hon. George C. Perkins, under date of May 26th, wrote as follows:

"I enclose a report made by me on the bill to appropriate $25,000 to repair the Portsmouth and hope the measure will carry, and that we shall be able to have the vessel transferred to the Coast.

Senator Perkins has submitted a report from the Committee on Naval Affairs in favor of transferring the "Portsmouth" to the Port. The report of the committee gives the following concise history of the "Portsmouth":

U. S. S. Portsmouth, second of the name. Built at the Navy Yard, Portsmouth, N. H. (Kittery, Me.), in 1843. Her battery varied at different periods from 22 to 14 guns.

First cruise, 1844-1848, in the Pacific under command of Commander J. B. Montgomery, squadron of Commodore J. D. Sloat. Took a prominent part on coast of California in war with Mexico.

June 3, 1846, arrived in the harbor of San Francisco, Cal., and, July 5, 1846, landed a party of seamen and marines for the protection of American consul and citizens, under command of Lieutenant J. S. Missroon, United States Navy, and Lieutenant H. B. Watson, United States Marine Corps.

July 9, 1846, war having been declared, landed a force at Yerba Buena, by order of Commodore Sloat, took possession of San Francisco, and at 8 a. m. hoisted the United States flag in front of the custom-house. Sent detachments of officers and men to raise the United States flag at Sutter's Fort, Sausalito, Sonoma, and Bodega.

March 11, 1847, to October 29, 1847, captured three Mexican vessels. Two of them were ransomed for $14,929.

February 24, 1848, sailed from Valparaiso; reached Boston, May 5, 1848.

From 1849 to 1851, one of the African Squadron.

From 1851 to 1854, Pacific Squadron.

From 1856 to 1858, East India Squadron, under Commander A. H. Foote, took most prominent part in the capture and destruction of the Barrier Forts, Canton River, November 16-22, 1856. In this engagement there were 7 Americans killed and 22 wounded. The Portsmouth was struck by shot 12 times. At the close of the action she was given three rousing cheers by the crews of the British men-of-war lying near.

From 1859 to 1861, African Squadron; captured several slavers.

From 1861 to 1865, West Gulf Squadron; with Admiral Farragut, commanded by Commander S. Swartwout, at passage of Forts St. Philip and Jackson, occupation of New Orleans, and numerous engagements in the lower Mississippi. Made a number of prizes.

In 1866, quarantine ship, New York Harbor.

In 1867 to 1868, fitting as a training ship and on special duty.

From 1869 to 1871, South Atlantic Squadron.

From 1872 to 1877, special service to Brazil and Pacific Squadron.

In 1877, training ship for boys, San Francisco.

In 1878, special service in connection with the Paris Exposition.

From 1879 to 1894, training ship for apprentices, Atlantic Coast.

January 17, 1895, transferred by the Navy Department to the Naval Militia, State of New Jersey.

At the present date lying at the New York Navy Yard.

Hon. Geo. von L. Meyer, Secretary of the Navy, some time ago decided to lend the "Portsmouth" to the Treasury Department for service at Hampton Roads as a quarantine vessel. Senator Perkins hopes, however, that this interesting naval relic may be sent to San Francisco.

IMPORTS OF CHINESE AND JAPANESE SILKS.

Commercial America, published by the Philadelphia Commercial Museum, prints the following relative to the importation of Chinese and Japanese silks:

"It is said that one may judge the prosperity of nations from their consumption of silk. A few decades back silk was only worn by the rich, but now it is in common use among many classes of people. Two-thirds of all the silk entering the markets of the world are obtained from Asiatic countries; but the United States, although not a silk-growing country, consumes one-third of the world's production of raw silk.

"There has been a great increase in the exports of silk from China and Japan during the last fifteen years. In 1896 there were 18 million pounds of silk exported from China and Japan, while in 1910 there were 36 million pounds, or twice as much, exported from these countries. The United States imported nine million pounds in 1896 and in 1910 it imported 21 million pounds, or more than twice as much. The importance of the United States to the silk trade of the world is readily seen from the fact that it has not only doubled its consumption, but that it is likely to continue to increase this consumption for many years to come."

CONSOLIDATION IS MAKING PROGRESS.

Satisfactory progress has been made toward the consolidation of the Chamber of Commerce of San Francisco, the Merchants' Exchange, the Down Town Association and the Merchants' Association. The new body that will include the memberships of these bodies will be known as the San Francisco Chamber of Commerce.

CENTENNIAL PAGEANT AT ASTORIA, ORE.

Astoria, Ore., will celebrate the 101st anniversary of the first settlement of the Northwest by the white man. A centennial pageant will take place in Astoria from August 10th to September 9th. The Chamber of Commerce of San Francisco has decided to co-operate as far as possible.

U. S. Consul H. A. Conant writes from Windsor, Ontario, Canada, to the Chamber of Commerce Journal, as follows: "I shall be pleased to place the Journal on file in this office, and say its circulation among the people here might be to your advantage. Each season a number of people from this district find winter homes in California."

PUBLIC WORKS IN HAWAII.

(From Daily Consular and Trade Reports.)

The issuance of bonds and special appropriations to the grand total of $2,124,000 is contained in an administration bill introduced in the Hawaiian Senate at Honolulu by Senator Fairchild and covering recommendations contained in a special message to the Legislature from Governor Frear. The segregated items are as follows:

Honolulu water and sewer work, $500,000; Honolulu wharf improvements, $350,000; Hilo wharf improvements, $200,000; Kaawaloa, $80,000; Napoopoo, $15,000; Mahukona, $15,000; Kahului, $30,240; McGregor's, $9,000; Hanalei, $10,000.

General Improvements.—College of Hawaii, $75,000; Girls' Industrial, $40,000; Boys' Industrial, $30,000; Lahainaluua, $25,000; asylum, $50,000; prison, $75,000; Kalihi Hospital, $25,000; armory, Honolulu, $75,000; armory, Lahaina, $10,000.

Schools.—Honolulu: Kaimuki, $60,000; Pohukaina, $30,000; Kauluwela, $30,000; miscellaneous, $15,000; Maui, $42,500; Hawaii, $85,000; Kauai, $47,000.

The expending of the money will be under the direction of a commission consisting of the Mayor or Chairman of the Board of

WHEAT CONSUMPTION IN THE UNITED KINGDOM.

Sydney Buxton recently made the statement in the British Parliament that of the total estimated consumption of wheat and wheat flour, equivalent of grain in the United Kingdom during 1910—namely 34,000,000 imperial quarters of 480 pounds each—6,700,000 quarters represented the home production of the year (less domestic imports), 12,200,000 quarters the net imports of wheat and flour consigned from foreign possessions, and 15,000,000 quarters the net imports consigned from foreign countries.

HOP CULTURE IN AUSTRIA AND GERMANY.

United States Consul Will S. Lowrie, writing from Carlsbad, about trade conditions, shows that the area of lands devoted to hop culture is diminishing in both Austria and Germany. In Germany the hop area in 1910 was but 67,870 acres as against 88,624 acres two years earlier. Austria fell off in hop area from 69,675 acres in 1908 to 54,454 acres in 1910. Salz hops to the value of $358,616 were exported to the United States last year, an increase of $86,584 over the year preceding.

STEAMSHIP CONNECTION BETWEEN ST. PETERSBURG AND NEW YORK.

A steamship service will be in operation this month, as reported by U. S. Consul Jacob E. Connor, at St. Petersburg, between St. Petersburg and New York, by the Russian East Asiatic Steamship Company. This will be effected by coasting vessels from St. Petersburg to Libau, calling at the ports of Reval and Riga, and connecting at Libau with this company's trans-Atlantic line already in operation. Though this arrangement will necessitate trans-shipment of cargo at Libau it will thus be possible to obtain through bills of lading from American points to St. Petersburg and vice versa, and probably later the same facilities will be extended to interior points in Russia.

The inauguration of all-water rates from St. Petersburg to New York, while practically already in operation by means of the Lassen Line, takes on a new phase with this new departure. The Russian East Asiatic Steamship Company has heretofore taken cargo from this point by rail to Libau, which has added considerably to the total charge.

FIGURES AND FACTS CONCERNING LONDON'S

J. D. Whelpley, commercial agent of the United States in London, supplies the following figures and facts relating to the fur trade of London:

In 1909, when the total number of undressed rabbit skins imported was 66,135,374, valued at $2,548,537, the countries supplying the larger quantities were: Germany, 39,462; Belgium, 11,255,772; France, 3,845,158; Australia, 43, 442,559; New Zealand, 7,379,960. Of the undressed seal skins imported in that year the United States furnished 24,556, Russia 27,980, Norway 60,694, Japan (including Formosa) 11,398, Cape of Good Hope 15,061, Newfoundland and Labrador 126,796, the total imports amounting to 288,055 skins, valued at $1,328,219. Undressed unclassified skins aggregated 17,960,661, and had an import value of $11,285,180; of these the United States supplied 6,426,851, Russia 750,868, Germany 3,370,525, China (exclusive of Hongkong, Macao and Wei-hai-wei) 507,637, Japan (including Formosa) 85,692, Chile 46,558, France 47,754, Australia 5,499,814, and Canada 987,321. Dressed rabbit skins numbering 537,051 and valued at $80,098; 18,608 dressed seal skins, value $490,339; and 4,856,818 dressed skins, not classified in the customs returns but having a value of $4,318,688, were also imported into the United Kingdom during 1909, as well as manufactures of skins and furs (including skin rugs) worth $5,005,122, thus giving a grand total for the 1909 imports of dressed and undressed furs and manufactures of furs and skins of $25,056,183.

INTERNATIONAL MOTOR EXHIBITION.

Notice has been received from the Royal Danish Consulate in this city, through the courtesy of J. B. Boggild, acting Danish Consul, that an International Motor Exhibition will be held in Copenhagen, Denmark, in July and August, 1912. Any manufacturer of and dealer in marine motors, winches for motors and similar mechanical contrivances used for fishing and the conveyance of fish has a right to exhibit. The exhibition will be held in connection with the Scandinavian Fishery Exhibition and the fourth Scandinavian Fishery Congress.

IMPORTS FROM ALL ORIENTAL COUNTRIES.

The imports from all the Oriental countries at San Francisco during the last four years were as follows:

Imports From	1910	1909	1908	1907
China & Hongkong	$ 6,930,458	$ 7,333,563	$ 5,856,448	$ 7,902,933
Japan	20,535,300	24,020,740	20,920,922	20,956,987
Philippine Islands	2,715,710	1,258,526	423,674	830,979
East Indies	2,018,284	1,850,606	2,370,358	3,014,964
Asiatic Russia	.....	637	.....	.....
Straits Settlements	1,340,261	990,238	1,239,740	1,190,881
Siam	19,016	6,375	.....	605
Aden	33,514	37,910	.....	.....
Dutch East Indies	966,942	225,991	.....	.....
Total	$34,559,485	$35,724,586	$30,811,142	$33,897,349

PLACED IN LIBRARY AT NAGOYA, JAPAN.

The Secretary of the Nagoya (Japan) Chamber of Commerce, Mr. B. Sano, writes: "We are in receipt of the April number of the San Francisco Chamber of Commerce Journal. We are very glad to add the same to our library."

TSINGTAU AS A SHIPPING PORT.

(From Consul J. C. McNally.)

While the shipping statistics of Tsingtau, China, for 1910 are not yet available, I am informed by the British consular representative that British shipping in 1910 increased 48 per cent over 1909, and that during the first 16 days of 1911 he cleared 25 British ships.

Ships under flags of almost every nation but the United States are to be seen in this harbor, and while much of the exportation is to the United States, it is shipped from here on other than American bottoms. The regular call of American vessels would undoubtedly influence direct shipping to the United States.

The railway line connecting the port of Tsingtau direct with the interior drains practically the whole of Shantung Province and affords splendid shipping opportunities. The completion of the Pukow-Tientsin railway will considerably enhance this traffic, and the present eagerness of the many shipping companies to establish connection here is in view of the prospects for increasing cargoes.

Pears worth $260,000, plums worth $36,000, and $37,000 worth of nectarines are included in the dried fruits of California in 1910.

EXPORTS TO ORIENTAL COUNTRIES.

The values of San Francisco's merchandise exports to all the Oriental countries during the last four years, were as follows:

Exports To	1910	1909	1908	1907
China	$ 540,123	$ 577,916	$ 4,572,987	$ 2,817,664
Hongkong	861,485	1,133,585	1,729,830	1,671,287
Russian China	.....	.....	2,993	.....
Siberia	96,311	131,320	188,097	155,924
Japan	8,709,031	6,825,469	6,470,397	8,750,310
Philippine Islands	4,939,887	4,960,605	2,443,665	2,051,689
East Indies	204,825	76,730	117,854	392,186
Korea	94,937	111,733	90,811	109,104
Guam	300	.....	200	236
Midway Islands	.....	.....	.....	1,571
Total	$15,446,899	$13,817,358	$15,646,834	$15,949,971

RECEIVED BY QUEBEC BOARD OF TRADE

The following interesting communication has been received from U. S. Consul G. Willrich, Quebec, Canada:

"Your publication is bound to be of interest, especially to the members of the local Board of Trade, and recognizing this fact, I have sent your first number to the local Board to be placed on its reading table. I shall pursue the same method with regard to subsequent numbers, which you may send me, and, in that way, hope that some trade may spring up between the merchants of Quebec and your city.

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency....733 Merchants Exchange.
Green, J. Chas. Company....Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co....530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co....576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co....874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc....501-509 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.)....1460 Market St.
Leavitt, J. W. & Co....301 Golden Gate Ave.
Pioneer Automobile Co....515 Van Ness Ave.
The Pierce Arrow Sales Company....330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works....384 Second St.

BAGS.

Ames Harris-Neville Co....100 Potrero Ave.
Bemis Bros. Bag Co....Sansome & Vallejo Sts.
Plummer, W. A....37 Front St.

BANKS AND BANKERS.

The American National Bank of San Francisco....Merchants Exch. Bldg.
The Bank of California (National Association)....400 California St.
The Anglo-California Trust Co....16th & Mission Sts.
The Anglo & London Paris National Bank....NW cor Sutter & Sansome.
The Bank of British North America....264 California St.
Bank of Italy....552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California....325 Clunie Bldg.
Canadian Bank of Commerce....SE cor California & Sansome Sts.
Canton Bank....653 Kearny St.
Crocker National Bank....Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co....100 Montgomery St.
First National Bank of San Francisco....NW cor Post & Montgomery Sts.
French-American Bank....108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd....415 Sansome St.
German Savings & Loan Society....526 California St.
Halsey, N. W. & Co. (Bankers and Brokers)....424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation)....411 Montgomery St.
Hellman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco)....2 Montgomery St.
Humboldt Savings Bank....783 Market St.
International Banking Corporation....200 Montgomery St.
Italian-American Bank....460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society....Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank....100 Market St.
McNear Geo. P....Petaluma, Cal.
Mercantile National Bank of San Francisco....464 California St.
Meyer, Daniel, Banker....244 Pine St.
The Mission Bank....16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank....Phelan Bldg.
Portuguese American Bank....SW cor Clay & Front Sts.
San Francisco Savings Union....NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco....101 Market St.
Security Savings Bank....316 Montgomery St.
Sutro, Chas., Banker and Broker....412 Montgomery St.
Wells Fargo-Nevada National Bank....4 Montgomery St.
Western Metropolis National Bank....Market & New Montgmy

BASKETS.

Weston Basket & Barrel Co....3rd & Berry Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co....317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co....30-32 Fremont St.
Degen, L. P. Belting Co....260 Mission St.
Pacific Coast Rubber Co....416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John....18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works....Main & Folsom.

BOLTS.

Payne's Bolt Works....133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co....557 Mission St.
Buckingham & Hecht....SW cor 2nd & Mission.
Nolan-Earl Shoe Co....727-29 Mission St.
Williams-Marvin Co....25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co....Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc....Beach nr. Taylor St.

BRASS GOODS.

Garratt, W. T. & Co.....299 Fremont St.

BREWERIES.

Nunan, Matthew.....1241-67 Howard St.
San Francisco Breweries, Ltd.....240 Second St.
Union Brewing & Malting Co.....18th & Florida Sts.
Wilson Distilling Co. .....203 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co.....259 Russ Bldg.
Clark, N. & Sons.....19 Spear St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks.....Mills Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co.....544 Sansome St.
Mayhew, F. E. & Co.....510 Battery St.
Swayne, Hoyt & Co.....412-14 Battery St.
St. John, Chauncey M.....510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co.....300 Sansome St.
Barth, J. & Co.....480 California St.
Brown, Walker, Simmons Co.....612 Crocker Bldg.
Houseworth, F. A. .....615 Chronicle Bldg.
Pollitz, Edward & Co.....419 California St.
Raiss, Carl .....310 Sansome St.
Rollins, E. H. & Sons.....1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan).....433 California St.
Wilson, J. C.....Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association.....Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company.....59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co.....1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company.....1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co.....Davis & Commercial Sts.

CANNED GOODS.

Armsby, J. K. Co.....627 Howard St.
California Canneries Company.....600 Minnesota St.
California Fruit Canners' Association.....120 Market St.
Golden State Asparagus Co.....16 California St.
Griffith-Durney Co.....1 Drumm St.
Hunt Bros. Co.....112 Market St.
Long Syrup Refining Co.....16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co.....440 Montgomery St.
Brenner, Gustave.....2286 Jackson St.
Coleman, Edward .....1701 Franklin St.
De Sabla, Eugene J.....Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela).....1304 Merchants Exch.
Eastland, Thomas B.....1304 Merchants Exch.
Flood, James L. .....208 Flood Bldg.
Foster, A. W.....1210 Flood Bldg.
Greenebaum, M.....740 Mission St.
Hopkins, E. W.....354 Pine St.
Kohl, C. Frederick.....Kohl Bldg.
Law, Herbert E.....500 Monadnock Bldg.
McCreery, Andrew B.....221 Sansome St.
Spreckels, Rudolph.....1st National Bank Bldg.
Williams, Hon. A. P.....Fairmont Hotel.
Whitney, J. Parker.....133 Geary St.
Whittell, George.....166 Geary St.
Worden, Clinton E.....1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. .....2198 Geary St.

CARPETS (SEE FURNITURE.)

CASTINGS (MALLEABLE).

Pacific Foundry Co. ... .18th & Harrison Sts.

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M.....201 Montgomery St.
Boskowitz, Frank.....63 California St.
Ehrman Bros. & Co.....134 Front St.
M. A. Gunst & Co.....201 California St.
Whitaker, G. W. (The John Bollman Co.).....331 Battery St.
Wolf, Edward Company.....161-7 California St.

CIRCULAR DISTRIBUTORS.

Weil, Wm. M. .....27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D.....940 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co.....311 Crocker Bldg.

CLOTHIERS.

Roos Bros. .....Market at Stockton St.

CLOTHING MANUFACTURERS.

Eloesser-Heynemann Co.....77-87 Battery St.

COAL (WHOLESALE.)

R. Dunsmuir's Sons Co.....340 Steuart St.
Pacific Coast Coal Co.....340 Steuart St.
Smellie, Wm.....Russ Bldg.
Smith, James B. (Western Fuel Co.).....430 California St.
Stafford, W. G. & Co.....234 Steuart St.
Western Fuel Co.....430 California St.
Moore, J. J. & Co.....225 Pine St.

CODFISH.

Alaska Codfish Co. .....10 Main St.
Union Fish Co. .....40 Clay St.

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co.....126 Mission St.
Caswell, Geo. W. Co. .....530 Folsom St.
Folger, J. A. & Co.....Howard & Spear Sts.
Hills Bros. .....176 Fremont St.
Jones, Paddock Co.....228-230 Fremont St.
Schilling, A. & Co.....2nd & Folsom Sts.
Siegfried, J. C. & Co.....268 Market St.
Tyler, S. H. & Son.....147 Sacramento St.

COMMISSION MERCHANTS.

Everding, J. & Co.....80-82 Clay St.
Galli, A., Fruit Co. .....292 Washington St.
Garcia & Maggini Co.....302 Drumm St.
Hammer & Co.....310 Clay St.
Jacobs, Malcolm & Burtt, Inc.....266 Drumm St.
Spohn, John H. Co. .....49 Main St.

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co.....57 Post St.

CONTRACTORS.

Chadwick & Sykes, Inc. .....418 Crocker Bldg.
Church, D. O. .....500 Hampshire St.
City Street Improvement Co.....Merchants Exchange.
Healy-Tibbitts Construction Co.....268 Market St.
Hicks, Lewis A. Company.....662 Humboldt Bk. Bldg.
Mahony Brothers.....Crocker Bldg.
Malley, Edward.....1384 McAllister.
San Francisco Bridge Co.....865 Monadnock Bldg.
Thomson Bridge Co.....103 Main St.
Whitley, Henry A. .....456 Mills Bldg.

COOPERAGE.

California Barrel Co.....509 Monadnock Bldg.
Koster, John A. (California Barrel Co.).....509 Monadnock Bldg.
Weston Basket & Barrel Co.....3rd & Berry Sts.

CORDAGE.

Tubbs Cordage Co. .....Kohl Bldg.

CORNICE WORKS.

Forderer Cornice Works.....269 Potrero Ave.

COTTON MILLS.

California Cotton Mills Co.....310 California St.

CRACKERS.

Standard Biscuit Co.....NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) .....815 Battery St.

CREAMERIES.

Isleton Butter Company.....53-57 California St.

CROCKERY AND GLASSWARE.

Schloss, Ben.....17 Beale St.
Nathan-Dohrmann Company.....SW cor Geary & Stockton

DAIRIES.

Columbia Dairy (Col. Geo. H. Pippy).....231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The.....43-49 Main St.

DRAYING.

McNab & Smith.....40 Davis St.
Overland Freight Transfer Co.....35 Second St.

DRIED FRUITS.

Armsby, J. K. Co. .....627 Howard St.
California Fruit Canners' Association.....120 Market St.
Castle Brothers.....149 California St.
Griffin & Skelley Co.....16 California St.
Guggenhima & Co.....100 California St.
Inderrieden, J. B. Co.....112 Market St.
Madison & Bonner.....112 Market St.
Phoenix Packing Co.....16 California St.
Rosenberg Bros. & Co.....153 California St.

DRUGS AND CHEMICALS.

Braun, Knecht, Heimann Co.....676 Mission St.
Coffin-Redington Co. .....35 Second St.
General Chemical Co. of California .....657 Mills Bldg.
Langley & Michaels Co.....50-60 First St.
Eli, Lilly & Co.....50 First St.
Serwe & Prien Co.....404 Mission St.
Scott & Gilbert Co.....45 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspeil, Samuel.....26 Battery St.
Moore, Watson Dry Gooda Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Moore, Chas. C. & Co., Engineers.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel M., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....Mer. Exch. Bldg.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....1018 Merchants Exch.
Moore-Ferguson Co.....244 California St.
Pacific Cereal Asaociation.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....738 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kallsher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Armsby, J. K. Co.....627 Howard St.
Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Producta Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Stenart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....726 Market St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.)..Shreve Bldg.
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.)..268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....705 Sansome St.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St.
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg.
Kutner, Goldstein Co.....408 Merchants Exchange.
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange.
Otis, McAllister & Co.....310 California St.
Orient Trade Co.....244 California St.
Parrott & Co.....320 California St.
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg.
Sherwood & Sherwood.....41-47 Beale St.
Tetzen, Ch. & Co., Inc.....818 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 540 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Dye, Clarkson ..... 653 Kearny St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V. ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 356 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Risdon Iron Works ..... 503 Market St.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 246 Mission St.
Ciocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Raas Co. ..... 535 Folsom St.
Naher, Alfs & Brune ..... 325 Mission St.
Pascal, Dubedat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1844 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 41 Drumm St.
Tauasig, Louis & Co. ..... Main & Mission Sts.
Vignier Ami, Inc. ..... 605 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc. ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 6th & Channel Sts.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... Lombard & Montgy. Sts.
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 2401 San Jose Ave.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 657 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co. ..... 244 California St.
White Bros. ..... 5th & Brannan Sts.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. E. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Henshaw, Bulkley & Co. ..... 19-21 Fremont St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore, Chas. C. & Co., Engineers ..... 99 First St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Lundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John R. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 791-793 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 384 Second St.

MINING.

Belshaw, C. M. ..... 1404 Humboldt Bk. Bldg
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 409 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville....1001-8 Balboa Bldg.
Bonny Bruce....
Bunker, William M....1339 Merchants Exch.
Crocker, Henry J....West Coast Life Bldg.
Cutting Packing Co....510 Kohl Bldg.
Dean, W. E....905 Kohl Bldg.
Dierlex, A. D....268 Market St.
Earl D. W....307 Crocker Bldg.
Eldredge, Zoeth S....2621 Devisadero St.
Gray, G. F....610 Wells Fargo Bldg.
Greenewald, O. H....Alaska Commercial Bldg.
Howard, H. Z....3739 Clay St.
Lemon, Arthur....3462 19th St.
Lester, Herrick & Herrick....404 Merchants Exchange.
Lilienthal, E. R....Alaska Commercial Bldg.
Lindsey, M. G....268 Market St.
Loveland, H. D....759-767 Monadnock Bldg.
Maybeck, B. R....Room 426, No. 35 Montgomery St.
McDougall, C. C....235 Montgomery St.
McLaren, Goode & Co....519 California St.
McLaughlin Co., The....345 Pine St.
Metcalfe, J. ....454 California St.
Miller, J. R....Lick Bldg.
Ralston, A. J....C/o Berkeley Inn, Berkeley, Cal.
Reid Bros. ....Call Bldg.
Smith, Arthur A....2501 Steiner St.
Sperry, Geo. B....2555 Larkin St.
Tillmann, F., Jr....8 Pine St.
Ward, Clarence ....Alaska Commercial Bldg.
Wheeler, Wm. R....Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau)....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager ....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin")....767 Market St.
De Young, Charles, San Francisco "Chronicle"....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle")....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker"....451 Montgomery St.

OILS.

Associated Oil Co....728 Wells Fargo Bldg.
Baker, John, Jr., Claremont Oil Co....Crocker Bldg.
Morshead, Stanley W....255 Kohl Bldg.
Sesnon Oil Company....928 Monadnock Bldg.
Standard Oil Co....461 Market St.
Union Oil Co. of California....201 Mills Bldg.
Valvoline Oil Co. ....440 Brannan St.

OPTICIANS.

California Optical Co. ....181 Post St.

ORNAMENTAL IRON AND BRONZE.

Rudgear-Merle Co. ....Bay, Stockton & N. Point

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co....816 Mission St.
Clinch, C. G. & Co....156 King St.
Fuller, W. P. & Co....Beale & Mission Sts.
Paraffine Paint Company, The....34 First St.
Whittier, W. F....301 Howard St.

PAPER.

Blake, Moffitt & Towne....1400 Fourth St.
California Paper & Board Mills....310 California St.
Everett Pulp & Paper Company....244 California St.
Fleishhacker, A. & Co....134 Fremont St.
Pacific Coast Paper Co. ....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co....Alaska Commercial Bldg.
Williar, H. R....260 California St.
Zellerbach Paper Co....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co....134 Fremont St.

PAVING.

City Street Improvement Co....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California ....444 Market St.

PLATING WORKS.

S. F. Plating Works, E. G. Denniston, Proprietor....1343-51 Mission St.

PLUMBING SUPPLIES.

Crane Company ....2nd and Brannan Sts.
Dalziel, Moller Co....543 Mission St.
Lally Company....First & Folsom Sts.
Tay, George H. Co....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey....522 Sacramento St.

POWDER.

Du Pont de Nemours Powder Co., E. I....Chronicle Bldg.
The Giant Powder Co., Con....202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company....Shreve Bldg.
Mack, Adolph, President City Electric Co....350 Mills Bldg.
Martin, John, President Coast Counties Light & Power Co....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation ....519 California St.
San Francisco Gas & Electric Co....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company....251 Bush St.
Neal, George F. (Neal Publishing Co.)....66 Fremont St.
Pacific Manifolding Book Co....268 Market St.
Shannon-Conmy Printing Co....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co....36-48 Spear St.
Hilmer, Fred L. Company....SW cor Davis & Sacramento Sts.
Isleton Butter Company....53-57 California St.
Levy, Schweitzer & Co. ....1412 Bush St.
Miller & Lux, Inc....1314 Merchants Exch.
Roth, Blum & Co....24 California St.
Swift & Co....Davis & Pacific Sts.
South San Francisco Packing & Provision Co....407-13 Front St.
Western Meat Co....6th & Townsend Sts.
Willits & Patterson....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co....71 First St.
Orenstein-Arthur-Koppel Co....419 Chronicle Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co....160 Sutter St.
Boyd, John F....255 California St.
Harrigan, Weidenmuller & Rosenstirn....345 Montgomery St.
Hecht Investment Co....706 Kohl Bldg.
Hechtman, A. J....508 Kohl Bldg.
Hihn, F. A. ....Santa Cruz, Cal.
Holmes Investment Co., The....68 Post St.
Hooker, Robert G. ....Hooker & Lent Bldg.
Lent, George H....Hooker & Lent Bldg.
Lyon & Hoag ....636 Market St.
Magee, Thomas & Sons....5 Montgomery St.
McGaw, John & Co....232 Montgomery St.
Mann, Clarence M....282 Bush St.
Martin, Peter D....First Natl. Bank Bldg.
Martin, Walter S....702 Call Bldg.
Parkside Realty Co. of San Francisco....409 Crocker Bldg.
Shainwald, Buckbee & Co....27 Montgomery St.
Sheldon, Willard M....324 Crocker Bldg.
Speck, John H....229 Montgomery St.
Umbsen, G. H. & Co....20 Montgomery St.
Wooster, C. M....702 Market St.
Wright, J. W. & Company....Mills Bldg.

RICE.

Brown, A. A. Co....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co....9 Beale St.
Goodyear Rubber Co....573-589 Market St.
Gorham Rubber Co....50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co....46 Sacramento St.
California Salt Co....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc....157-161 Main St.
California Saw Works....721 Brannan St.

SCALES.

Fairbanks, Morse & Co....158 First St.

SEEDS.

Morse, C. C. & Co....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co....1460 Market St.

SHIP BROKERS.

Page Brothers....310 California St

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works ....Main & Howard Sts.
Risdon Iron Works....Potrero.
Union Iron Works Co. ....20th & Michigan Sts
United Engineering Works....254 Spear St.
Vulcan Iron Works ....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis ....34-36 Steuart St.
Hendry, C. J. Company....64 Clay St.
Sellers & Madison Company....94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway....420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co. .....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....454 California St.
Chapman, J. F. & Co.....110 Market St.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. .....255 California St.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D.....110 Market St.
Gutte, I. (A Corporation).....214 Front St.
Hackfeld, H. & Co., Ltd. .....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, C. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The .....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Mailliard & Schmiedell .....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....442 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros. .....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc. .....244 California St.
Perkins, Geo. C. .....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spreckels, John D.....90 Clay St.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.
Williams, Dimond & Co. .....Alaska Commercial Bldg.

SILKS (Wholesale)

Clayburgh Brothers .....25-27 Sansome St.
Hart, B. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co. .....444 Market St.

SPORTING GOODS.

Golcher Bros. .....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. .....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson .....6th & Townsend Sts.
Mangrum & Otter .....561-563 Mission St.
Montague, W. W.....673 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co...268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company....254 California St.
Hawaiian Commercial & Sugar Company.....405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. .....268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co.....268 Market St.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Coast Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company.....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co. .....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. .....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TERRA COTTA AND POTTERY.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works .....Mills Bldg.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co. .....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman .....325-335 Davis St.
Schoenfeld, D. M.....516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co. .....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. .....Mills Bldg.
Alaska Pacific Steamship Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha .....Metrop. Bk. Bldg.
Bisseli, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Buck, Walter E., Manager Associated Transportation Co. .....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Ebey, Harold H., Kosmos Line .....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. .....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads .....86 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry. .....1st National Bank Bldg.
Samuels, Frederick S. .....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros. .....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. .....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse .....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. .....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co. .....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Blasinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

PUBLIC LIBRARY

Chamber of Commerce Journal.

ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO,
SAN FRANCISCO, CALIFORNIA

VOL. I SAN FRANCISCO, CALIFORNIA, AUGUST, 1911 No. 5

MAGNIFICENT EXPOSITION SITE IS CHOSEN

THE CHAMBER OF COMMERCE JOURNAL this month publishes, as a supplement, a large drawing delineating the extent of the site that was selected on July 25th for the Panama-Pacific International Exposition, which will be held in San Francisco in 1915 to commemorate the opening of the Panama Canal. The relation of the selected lands to the city of San Francisco proper, and environments, and other features, are shown clearly. For the use of this picture acknowledgments are made to the San Francisco *Examiner*. The world wide interest concerning the Exposition, and the desire to have the world informed as fully and as early as possible, supplies the reason for the supplement and also the use of the first page of the JOURNAL this month to explain what the site consists of, and to indicate briefly the wonderfully attractive scenic attractions that it offers. The JOURNAL goes every month to every country in the world.

The Directors of the Exposition have endorsed the general plan. The decision has been signed by the entire Board as follows: President Charles C. Moore, John Barneson, M. J. Brandenstein, John A. Britton, Frank L. Brown, P. T. Clay, Andrew M. Davis, M. H. de Young, Charles de Young, Alfred I. Esberg, Henry F. Fortmann, A. W. Foster, R. B. Hale, I. W. Hellman, Jr., S. Fred Hogue, C. W. Horniek, Homer S. King, Mayor P. H. McCarthy, James McNab, Thornwell Mullally, James Rolph, Jr., H. T. Scott, A. W. Scott, Jr., Leon Sloss, Rudolph J. Taussig, Curtis H. Lindley, William H. Crocker, Charles S. Fee, R. A. Crothers and Dent H. Robert.

The site is described as follows: The beginning point is at Telegraph Hill, a height close to the Bay of San Francisco. From that place a boulevard will be constructed along the Bay of San Francisco, between eight and nine miles long, that will connect Harbor View on the north shore of the Bay; the Presidio, or military reservation grounds, also on the north shore of the Bay; Lincoln Park, an elevated body of land that commands a superb spectacle; and Golden Gate Park, the great playground of San Francisco. These sections of the grounds will be connected also by an inter-mural railroad, to run along the south side of Harbor View and the Presidio, and through the Richmond District into Golden Gate Park.

Within the territory bounded by Fort Mason, Lombard street, the Presidio and the Bay front, there will be between 250 and 300 acres occupied by heavy exhibits related to transportation, etc.; a yacht harbor and, perhaps, a great manufactures building; an aquatic park and other water features of the Exposition and, possibly, an aquarium stocked with thousands of fish, great and small; and the concessions and other attractions that will make up the night life of the Exposition.

In the Presidio, the United States Government will probably erect Government buildings and install Government exhibits therein.

Lincoln Park will be utilized for its scenic advantages, and it will be extensively beautified. A statue of huge size is proposed for this park that shall commemorate the Exposition. Here also will be picturesque cafes and gardens. Adjoining Lincoln Park 200 acres will be used for the Foreign, State and County buildings and horticultural, electrical and other exhibits.

In Golden Gate Park there will be the permanent buildings, including an Art Gallery and Museum; Chinese and Japanese gardens; fountains, statuary, etc.; the largest and finest Stadium in the world, which will be surrounded by a Coliseum; a canal connecting chains of lakes; and other attractions.

At the summit of Telegraph Hill a park will be created and a permanent observatory will be erected. A wireless telegraph station will also be stationed at Telegraph Hill to announce the coming of fleets bound through the Panama Canal for San Francisco.

A civic center will be established at Van Ness avenue and Market street, where an auditorium or convention hall of large size will be erected. At the foot of Market street there will probably be a grand court, with viaducts to conduct passengers from either side of the street. Market street and Van Ness avenue will be improved handsomely.

The Exposition will be bounded on three sides by water—on the west, by the Pacific Ocean; on the east, by the Bay of San Francisco; on the north, by the passage way that leads from the Golden Gate to the Bay. The vista from the several points will embrace mountain ranges, the greatest of all oceans, and the boulevard system will be scenically the most imposing in any American city, skirting the bay shore for miles and rising into heights above the ocean. A building scheme will be devised by the best architects to be secured.

All obstacles to progress have now been removed and the work of actual construction will begin soon. While all the plans so far taken up will make the Exposition much more attractive, the permanent beautification and improvement of San Francisco on a large scale is also assured.

CHAMBER HEARS HON. JOHN BARRETT

A banquet was given by the Chamber of Commerce of San Francisco, Thursday evening, July 27th, at the Palace Hotel, San Francisco, in honor of Hon. John Barrett, Director-General of the Pan-American Union. Captain William Matson, President of the Chamber of Commerce, was the toastmaster.

In his opening remarks Captain Matson said that never before in the history of San Francisco could the question of trade and commerce between the United States and the sister Republics have been more timely.

"With the opening of the Panama Canal the country adjacent to the Canal Zone, and including both coasts of South America," said Captain Matson, "will be given more consideration by the world than ever before, and it behooves us, as enterprising and progressive American business men, to be working in an effort to gain for ourselves and our country the portion of this trade which rightly belongs to us. Under the Monroe Doctrine this country is practically the godfather of these Republics, and, it is not only our privilege but our duty to do everything possible to promote friendly relationship and increase trade and commerce between the United States and our prosperous and growing sister Republics.

"In the early days, when San Francisco was the only city of note on the Pacific Coast, it was possible to wait for the business which must come to our doors, but at the present time, and in the years to come, we must be prepared to send our forces out into the field of competition and secure, through our own efforts, our portion of the world's trade."

The toastmaster spoke of Hon. John Barrett as one "qualified by years of experience and personal observation to speak on all matters pertaining to trade, commerce, resources and possibilities of the Latin-American Republics."

Remarks complimentary to the guest of honor were made by President C. C. Moore and Director M. H. de Young of the Panama-Pacific International Exposition Company; by Hon. James N. Gillett, former Governor of California; and by Mr. John McNab.

Hon. John Barrett said in part: "It is no exaggeration or false alarm to declare that there is no issue of more direct concern to our country in general and to this Coast in particular, as far as both their foreign and home trade are concerned, than adequate preparation by national legislation and by organized effort of commercial organizations and business men to 'Get ready for the Canal.'

"San Francisco and the whole country are to be congratulated upon the magnificent celebration—the Panama-Pacific International Exposition—which is to be held here in 1915 to commemorate the opening to the naval and commercial fleets of the world of that Canal which breaks down the one barrier that heretofore has kept California and this Coast from coming into its own. You are indeed to be felicitated upon the splendid energy and public spirit which you have manifested in planning this Exposition, and there is no doubt in my mind that, if the nations of the world are properly approached, they will all take part on a grander scale than they have ever done in any other exposition—but all this will be Dead Sea Fruit and bring sadness instead of rejoicing when it is all over, provided you find that you have spent countless millions for this celebration and aroused world-wide public interest in the Canal, only to discover that you forgot the one cardinal principle of preparing ahead, in every way, to use the Canal, and derive immediately upon its opening those practical advantages of which you have dreamed and talked through long years.

"There are several positive things which should be done by the commercial organizations and the business interests of the Pacific Coast and the United States, without delay, in order that this preparation for the Canal may be effected. The first general step which can and should be taken is that of passing such resolutions and taking such other action as will bring powerful influence to bear upon Congress to enact, at the earliest opportunity, the needed legislation for the administration of the Canal following its completion. The second step is that of taking such practical action by commercial organizations, and business and shipping interests and individuals as will not only bring about adequate knowledge of all the conditions of trade developed by the Canal, but provide all those shipping and other facilities and instrumentalities which are necessary.

"Under the head of Legislation come three important subdivisions. First: the determination, at the earliest possible date, of the tolls which will be charged against shipping passing through the Canal.

"Second: The determination of the actual form of the administration of the Canal under one man power of responsibility, as has been so successfully exemplified by the present administration of Colonel Goethals, so that the naval and commercial fleets of the world may be sure that this waterway, possessing greater difficulties of use and administration than any other in the world, shall be operated from the start expeditiously, safely and economically.

"Third: The determination of the control of coaling, oiling, repairing and supplying vessels using the Canal, which, as Colonel Goethals earnestly recommends, should be entirely in the hands of the United States Government, so that the Canal may never be handicapped by the whim or attitude of private interests or of monopoly.

"To sum up the considerations just outlined, the commercial organizations and the people of this Coast and of our country, should urgently recommend to Congress the immediate passage of the bill containing these features, which has already been approved by Colonel Goethals and introduced into both Houses of Congress."

Mr. Barrett said also that active steps should be taken by organizations and individuals to provide new and adequate steamship facilities, sufficient to provide for service between the Pacific Coast and all portions of the world; to master the manufacturing, exporting and importing interests of the market and the buying and selling conditions of all countries affected by the Panama Canal; and to organize, as early as possible, under the leadership of the Associated Chambers of Commerce of the Pacific Coast, an excursion party composed of exporters, importers and professional men of the larger cities of the Pacific Coast States to visit Mexico, Guatemala, Salvador, Honduras, Nicaragua, Costa Rica, Panama, Colombia, Ecuador, Peru, Bolivia, Chile and possibly Argentina, Uruguay and Brazil, this to be reciprocated by a visit to this Coast and country, of the representative men of the countries mentioned. In conclusion Mr. Barrett said:

"My final appeal is this—Let your motto, your slogan, your toesin be from now on—'Get ready for the Panama Canal!'"

The following were present: Hon. James N. Gillett, H. C. Capwell, A. A. Denison, H. Rosenthal, Frank Lyons, C. C. Juster, Wells Drury, John McNab, Hon. Henry A. Melvin, Edward G. Denniston, John D. Jessup, E. N. Bee, Zoeth Eldridge, Theodore Hardee, Henry Eilers, Julian Hart, James W. Reid, Merritt J. Reid, I. H. Morse, C. W. Hornick, James K. Wilson, A. W. Foster, W. H. Hammer, Wm. R. Wheeler, H. D. Loveland, Juan Felix Brandes, Clarkson Dye, Wm. J. Dutton, Bernard Faymonville, Joseph Martin, W. G. Tubby, John H. Spohn, Frederic E. Magee, J. D. McKenzie, Henry Payot, A. Christeson, C. R. Graham, Marshal Hale, Irving F. Moulton, Robert Dollar, Constant Meese, John H. Speck, Frank L. Brown, M. H. de Young, Chas. de Young, F. W. Wolfe, Walter S. Gannon, George W. Hardee, John S. Mills, A. M. Simpson, Walter Martin, H. G. Meyer, A. W. Scott, Jr., William Matson, C. C. Moore, R. A. Crothers, Loring C. Pickering, Frank W. Marston, Ernest Coxhead, Prescott H. Coolidge, T. F. Delury, David Rich, W. K. Cole, S. W. Molkenbuhr, L. E. Stanton, Alfred Monotti, B. G. Tognazzi, C. W. Burks, Edward F. Delger, Howell A. Powell, Frederick H. Colburn, Hiram G. Davis, Dr. Frederick W. D'Evelyn, James McNab, J. C. Allen, P. H. Jordan, John Clausen, R. E. Miller, Major B. F. Cheatham, Captain E. Bell, Captain Kinnison, George W. Caswell, Chas. J. Murphy, C. L. Dam, F. T. Hutchinson, John McLaren, H. C. Dosch, Dr. A. H. Giannini, J. H. Rosseter, S. M. Delanoy.

SAN DIEGO FORMALLY BREAKS GROUND

Leading men of San Francisco attended the ceremony, July 19th, of breaking ground in San Diego for the Panama-California Exposition to be held in San Diego in 1915. The Chamber of Commerce of San Francisco provided for this by a special excursion train which carried a large party, under the management of the Chamber to San Diego. In this party were:

Charles C. Moore, Henry T. Scott, Captain William Matson, David Rich, Joseph Martin, George A. Smith, F. W. Wolfe, George W. Caswell, E. L. Hueter, C. F. Baker, A. J. de Lamar, Dr. F. W. D'Evelyn, Allan Pollock, W. H. Hathaway, Sylvester J. McAfee, Bonifez Judell, Frank L. Brown, S. Fred Hogue, A. W. Scott, Jr., R. B. Hale, J. H. Dieckman, Jr., Dr. George K. Frink, Henry Eilers, Theodore Hardee, Frederick Myrtle, John S. Mills, J. B. Chase, L. Levy, C. M. Elliot, Horace H. Allen, Rudolph J. Taussig, J. P. Fraser, William T. Sesnon, J. S. Andrews, C. W. Burks and D. G. Doubleday.

President W. H. Taft, sitting in the White House at Washington, pressed a button that sent a spark across the width of the United States and thereby unfurled the President's flag, the flag of the United States, and the flags of the various American Republics, on the site of the future Exposition at San Diego. Hon. John Barrett, the representative of the President of the United States and Director General of the Pan-American Union, turned the first shovel full of earth. Right Rev. Bishop Thomas J. Conaty and the Rev. Edwin F. Hallenbeck conducted religious services. An army and navy parade took place. U. S. Grant, Jr., introduced Joseph W. Sefton, Jr., acting director general of the Exposition at San Diego. Various addresses were made. Then Mr. Sefton loosened the earth with a silver pick and the silver spade was used to move the first of the earth. The spade passed from one to another and was wielded in turn by Mayor Woods of San Diego, President C. C. Moore of the Panama-Pacific International Exposition to be held in San Francisco in 1915, John D. Spreckels, Governor Richard L. Sloan of Arizona, G. Aubrey Davidson, Will H. Parry, representing Governor Hay of Washington; George J. Burnham, Julius Wagenheim, John F. Forward, Jr., George W. Marston, S. I. Fox and Joseph W. Sefton, Jr.

For San Francisco President C. C. Moore of the Panama-Pacific International Exposition, spoke on the subject of "San Francisco and her great World's Fair." The other speakers were U. S. Grant, Jr., Joseph W. Sefton, Jr., Hon. John Barrett, who represented President Taft on this occasion, and Bishop Conaty.

Mr. Barrett quoted commercial facts as follows: "We measure the physical size of countries by area in square miles. The twenty countries of Latin America cover nine million square miles which is three times the connected area of the United States. We measure political and social importance by population. They have seventy million people within their borders, or more than two-thirds of the population of the United States. Commerce is often described as the life-blood of nations. Last year these countries bought and sold in foreign trade two thousand millions of dollars.

"This extraordinary total represents, moreover, an increase of nearly 100 per cent in the last ten years. The share of the United States in this total is larger than generally supposed, namely, $650,000,000 per annum, and that in turn represents an increase of $300,000,000 in the last ten years and a more rapid growth than the commerce of Germany or Great Britain in the same field.

"There are twelve countries tributary to the Pacific Coast, although in some instances tributary also to the Atlantic. These twelve exceed the United States in their total area, covering over three million square miles. They have as great a variety of climate, resources and products as the Pacific Coast of the United States and Canada. Although their Pacific coast is isolated from the Atlantic coasts of the United States and Europe, they already conduct a foreign trade through their Pacific ports valued at $400,000,000 per annum. This has doubled in the last ten years. With the canal open, and with also closer trade and travel relations with the Pacific and Atlantic coasts of the United States, they will build up this trade to one billion dollars within the next decade."

ACKNOWLEDGMENT OF CHAMBER'S AID.

A letter has been received by Captain Robert Dollar from John C. Ferguson, Chairman of the Central China Famine Relief Fund Committee, dated at Shanghai, July, 1st, thanking the Chamber of Commerce of San Francisco for its assistance, in securing contributions for the relief of the famine stricken Chinese.

EXCURSION TO ASTORIA IS ARRANGED.

An excursion to Astoria, Oregon, on "California Day," during the celebration marking the Centennial of the Founding of Astoria, has been arranged by the Chamber of Commerce to take place August 16th.

SHIPPING AT JAPANESE PORTS.

Consul George N. West, Kobe, reports that during 1910 Japanese steamers entered at the port of Kobe numbered 1,499; total tonnage 2,450,004, an average of 1,634 tons per vessel. The average tonnage of American steamers entering at this port was 7,215, of British 3,287, and of German 3,709. The large size of the Minnesota (13,323 tons) helped out the average of American vessels.

At Osaka, 388 Japanese steamers entered in 1910, of a total tonnage of 379,644, the average being 978. The average tonnage of the British steamers entering was 2,703, while no American steamers entered, and only one small German of 1,237 tons.

HONGKONG'S RAILWAY IN OPERATION.

Consul General George E. Anderson writes: "The Hongkong section of the Kowloon-Canton Railway, the line that is to link Hongkong with the Canton-Hankow road, and thus connect the colony with the great interior of China, whose trade in foreign goods going in and in native goods coming out for shipment abroad is now handled almost altogether by water, has been in operation for a portion of a year, and authoritative figures for the cost of the railway as well as its prospects are to be had.

"The financial returns of the undertaking as well as the railway itself are of especial interest in that they represent the construction by a colony of about 325,000 population of one of the most expensive transportation systems in the world in proportion to its length, as a public enterprise for the purpose of protecting the colony's trade. The railway consists of 21 miles of track running from Kowloon, the mainland portion of the colony, to the limit of British territory, where it is to connect with the Chinese section and continue on to Canton, some 80 miles farther. The British line was opened in October, 1910, the Chinese section is expected to be ready for traffic in August, 1911."

DELEGATE TO COMMERCIAL CONGRESS

The Trustees of this chamber have elected H. D. Loveland delegate to the Trans-Mississippi Commercial Congress, to be held at Kansas City.

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SAN FRANCISCO, CALIFORNIA, AUGUST, 1911

EXTENDING KNOWLEDGE OF THIS PORT.

Since the preceding number of this publication, many American Consul Generals and Consuls and others have addressed communications to the Chamber of Commerce, having much interest, inasmuch as they serve, individually and collectively, to indicate the existence of a strong friendly feeling toward San Francisco, whose prosperity it is the purpose of the CHAMBER OF COMMERCE JOURNAL to promote. To the long list of the consular officials and others who have aided loyally to extend knowledge of San Francisco and thereby to stimulate the commerce of this port must be added the following:

Official—	Consular Post.	Country.
Consul General Morgan	Barcelona,	Spain
Vice Consul Kenneth Stuart Patton	Rome,	Italy
Consul Isaac A. Manning	La Guaira,	Venezuela
Vice Consul Richard Stadden	Manzanillo,	Mexico
Vice Consul J. M. Estava	Puerta Plata,	Dominican Republic
Consul General Robert P. Skinner	Hamburg,	Germany
Consul James L. Lanig	Malta,	British
Consul S. M. Taylor	Nottingham,	England
Consul Thomas H. Norton	Chemnitz,	Germany
Consul Will L. Lowrie	Carlsbad,	Austria
Consul General Peter A. Jay	Cairo,	Egypt
Consul General Henry Bontewich	Christiana,	Norway
Consul H. J. Dunlap	Cologne,	Germany
Consul Samuel T. Lee	San Jose,	Costa Rica
Deputy Consul General U. S. Bywater	Dresden,	Germany
Consul John T. Wood	Tripoli in Barbary,	Africa
Vice Consul General L. A. Burrell	Lisbon,	Portugal
Consul Louis Hostetter	Hermosillo,	Mexico
Consul General James A. Smith	Genoa,	Italy
Consul Eugene L. Bellisle	Limoges,	France
Consul Frank C. Dennison	Ferni,	Canada
Vice Consul Julius A. Van Hee	Ghent,	Belgium
Vice Consul Victor Juhler	Copenhagen,	Denmark
Consul Francis B. Keene	Geneva,	Switzerland
Consul Edward L. Adams	Dublin,	Ireland
Consul N. N. McCunn	Glasgow,	Scotland
Consul General Charles Denby	Vienna,	Austria
Consul General S. Listoe	Rotterdam,	Netherlands
Consul Lewis E. Haskill	Salina Cruz,	Mexico
Vice Consul John L. Brinda	Saloniki,	Turkey
Consul C. E. Chamberlin	Queenstown,	Ireland
Consul Edward B. Walker	Burslem,	England
Consul John E. Kehl	Sydney, N. B.,	Canada
Vice Consul Richard Castle	Bristol,	England
Vice Consul William H. Orrett	Kingston,	Jamaica
Consul W. L. Avery	Belize,	British Honduras
Consul Paul Lang	Sherbrooke,	Canada
Consul General James L. Rodgers	Havana,	Cuba
Consul Herman L. Spahr	Breslau,	Germany
Consul Albert H. Nicholson	Turin,	Italy
Consul Samuel H. Shank	Mannheim,	Germany
Vice Consul H. G. Brotherton	Aguascalientes,	Mexico
Consul Lucien N. Sullivan	La Paz,	Mexico
Consul Charles M. Freeman	Durango,	Mexico
Consul Frank S. Hannah	Kehl,	Germany
Consul E. D. Winslow	Plauen,	Germany
Consul L. J. Keene	Florence,	Italy
Consul Max J. Baehr	Cienfugos,	Cuba
Consul D. F. Wilbur	Vancouver,	Brit. Columbia
Consul Thomas E. Heenan	Warsaw,	Russia
Consul Charles L. Hoover	Madrid,	Spain
Consul H. D. Van Sant	Dumferline,	Scotland
Consul General G. B. Ravndal	Constantinople,	Turkey
Consul George Heimrod	Berne,	Switzerland
Vice Consul W. W. Nicholls	Ponta Delgrada,	Azores
Consul M. J. Hendrick	Moncton,	New Brunswick
Consul Horace J. Harvey	Fort Erie,	Ontario
Consul Charles Adams Holden	Rouen,	France
Consul Pendleton King	Aix la Chapelle,	Germany
Vice Consul Lucien Menninger	Smyrna,	Turkey
Consul George H. Jackson	Cognac,	France
Vice Consul William McCone Miller	Calais,	France
Consul Arthur J. Clare	Bluefields,	Nicaragua
Consul James Verner Long	Venice,	Italy
Consul General W. G. Snyder	,	Panama
Consul Alexander V. Dye	Nogales,	Mexico
Consul William E. Alger	Mazatlan,	Mexico
Consul Edwin S. Gonsalus	Johannesburg,	S. Africa
Vice Consul General Albert G. Ebert	Halifax,	Nova Scotia
Consul General William Harrison Bradley	Montreal,	Canada
Consul Albert Halstead	Birmingham,	England
Consul General Paul Nash	Budapest,	Hungary
Consul Church Howe	Manchester,	England
Consul William J. Pike	Richenberg,	Austria
Consul G. B. McGoogan	Progreso,	Mexico
Vice Consul J. D. West	Bordeaux,	France
Vice Consul Henry A. Lyons	Nice,	France
Consul General Frank D. Hill	Frankfort-on-Main,	Germ'ny
Consul Percival Gassett	Jerez de la Frontrera,	Sp'n
Vice Consul Alden March	Leghorn,	Italy
Consul Joseph G. Stephens	Plymouth,	England
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Consul Carl Bailey	Lyons,	France
Consul R. M. Rasmussen	Bergen,	Norway
Consul Franklin D. Hale	Trinidad,	Brit. West Indies
Consul Herbert R. Wright	Puerto Cabello,	Venezuela
Consul General John E. Jones	Winnipeg,	Manitoba
Consul Rufus Fleming	Edinburgh,	Scotland
Consul Jesse B. Jackson	Aleppo,	Syria
Consul Douglas Jenkins	St. Pierre,	St. Pierre Isl.
Consul I. J. Brittain	Prague,	Austria
Consul Edward I. Nathan	Messina,	Turkey
Consul Charles N. Daniels	Sheffield,	England
Consul General Thomas Ewing Dabney	San Salvador,	Salvador
Consul General W. Stanley Hollis	Beirut,	Syria
Consul Stuart J. Fuller	Gothenburg,	Sweden
Consul General W. Henry Robertson	Callao,	Peru
Consul C. H. Payne	St. Thomas,	Dan. W Indies

To these the commercial community of San Francisco extends hearty thanks through the Chamber of Commerce of San Francisco.

Vice Consul General Henry D. Baker writes from Auckland that the New Zealand census, taken in April, is now practically complete as relating to the population of the four leading cities, the population of which, with their suburbs, is as follows: Auckland, 109,781; Wellington, 90,122; Christchurch, 85,923; Dunedin, 59,899. In 1906 the population was: Auckland, 88,067; Wellington, 82,122; Christchurch, 77,493; Dunedin, 56,021.

BILLS TO FIX THE PANAMA CANAL TOLLS

Two bills have been introduced in the House of Representatives providing for the operation of the Panama Canal, and for other purposes. One of them (H. R. 8664) was introduced on May 4th by Representative Mann of the minority, and the second (H. R. 11587) on June 13th by Mr. Adamson, chairman of the Committee on Interstate and Foreign Commerce.

The bill introduced by Mr. Mann provides for tolls for the use of the Canal to be based upon registered, displacement, cargo, or other tonnage, not to exceed one dollar and fifty cents per net ton, based upon registered tonnage, nor be less (other than for vessels of the United States or its citizens, and vessels of the Republic of Panama) than fifty cents per net ton. It is provided:

"That in fixing the charges for the use of the Canal, the President may prescribe that any vessel engaged in the coastwise trade of the United States, which is owned in whole or in part by any railroad company, or which is owned by any company the stock of which is owned in whole or in part by any railroad company, or which is controlled directly or indirectly by any railroad company, shall pay the highest charges prescribed for any vessel, and that the determination of the question of fact in each case shall be made in such manner, and by such person or persons, as the President may, by general or specific order, require: *And provided further*, That the foregoing proviso shall not apply to the Panama Railroad Company or vessels owned by it."

The measure proposed by Mr. Adamson provides for a maximum charge of $1.25 per ton, based upon registered tonnage, and provides further:

"That any vessel owned in whole or in part by any railroad company, or by any company the stock of which is owned in whole or in part by any railroad company, or which is controlled directly or indirectly by any railroad company, or has any director in common with any railroad company, shall pay double the usual charges prescribed for any vessel, and that the determination of any question of fact in each case shall be made in such manner, and by such person or persons, as the President may by order direct: *Provided further*, That the foregoing proviso shall not apply to the Panama Railroad Company or vessels owned by it: *Provided further*, That, under regulations prescribed by the President, a vessel without cargo paying toll going through the Canal shall, on its return trip through the Canal, laden with cargo, be entitled to receive a rebate of fifty per centum of the tolls just previously paid going through in the opposite direction without cargo."

Both of the bills contain provisions for the establishment and maintenance by the Government of drydocks, repair shops, yards, docks, wharves, warehouses, storehouses and other necessary appurtenances for the purpose of supplying coal and other materials, labor, repairs and supplies to passing vessels. The Adamson bill also provides:

"That the President is hereby authorized to acquire by purchase as rapidly as possible at reasonable prices, the title and rights of private landholders and owners of private lands in the Canal Zone, so as to extinguish all private and individual title and rights and claims to land as far as possible in the Zone, and vest in the United States, for Canal purposes, all the land comprised in the Canal Zone."

Mr. Mann has also introduced a bill (H. R. 8663) providing for the government of the Canal Zone, and the construction and operation of the Canal under a director to be appointed by the President with the consent of the Senate, and to be removable by the President at his pleasure. It also provides that the judicial power in the Canal Zone be vested in a circuit court under the Supreme Court of the United States; that a trial by jury be given in all cases where a felony is charged, and that the extradition laws and treaties of the United States be extended to the Canal Zone. The provision for tolls is also made a part of this bill.

CANAL AND SHIPPING STATISTICS.

U. S. Consul General John G. Foster at Ottawa, writes: "The freight traffic on Canadian canals during 1910 was distributed as follows, in tons: Sault Ste. Marie, 36,395,687; Welland; 2,326,290; St. Lawrence, 2,760,752; Chambly, 669,299; St. Peters, 85,951; Murray, 177,951; Ottawa, 385,261; Rideau, 134,881; Trent, 46,263; St. Andrews, 8,283; total, 42,990,608. Of this traffic 87 per cent was eastward bound; 84 per cent of the entire traffic passed through the lock at Sault Ste. Marie. The total number of vessels which passed this lock was 7,972, having a tonnage of 23,361,198, of which 2,744, with a tonnage of 3,173,494, were Canadian vessels, and 5,228, with a tonnage of 20,187,704, were American vessels.

"The total number of sea-going vessels arriving at Canadian ports during the fiscal year 1910 was 29,784, of 20,804,313 registered tons. The vessels trading in lakes and rivers between Canada and the United States numbered 46,281, of 23,763,678 tons, of which 28,503 vessels, of 11,581,505 tons, were American. The number of vessels in the coastwise trade was 171,313, of 56,770,928 tons."

Consul General John L. Griffiths, London, reports as follows: "Commercial conditions in the United Kingdom during 1910 were satisfactory, measured by tests which usually indicate national prosperity, viz., a large volume of imports and exports, increased investments from current earnings, large new capital creations, activity in speculation, absence of widespread labor disturbances, improved freight rates, a comparatively small number of commercial failures, and a general feeling of confidence."

CHINESE TELEGRAPH REORGANIZATION.

Consul General George E. Anderson, Hongkong, writes as follows: "The business men of Hongkong interested in South China trade are looking for a great improvement in the telegraph service in the immediate future, as a result of recent developments in Chinese telegraph circles. One reason for this expectancy is the transfer to the Imperial Chinese Telegraph Administration of that portion of the Chinese telegraph service which has been in the control of the board of communications. The former has had control of the telegraph service in China with the exception of the services in the Provinces of Kwangtung, Kwangsi, Yunnan, Kweichow, Shansi, Shensi, Mongolia, Manchuria, and northern Chihli, but now the service in all these provinces comes under its control also. While there has been general co-operation between the two services of the Chinese Government, it is expected that the consolidation will have the result of more unified service and, because of more direct responsibility, a better service generally.

"The other prospective improvement is the placing of a loan of $2,433,250 in behalf of the consolidated Chinese telegraph administration, with the Eastern Extension and the Great Northern Telegraph companies, the foreign countries maintaining the telegraph service between China and Europe and the cable service along the Chinese coast."

The first number of the Sacramento Valley Monthly has appeared. It is a large and handsome publication devoted to promoting the interests of the Sacramento Valley, under the authority of the Sacramento Valley Development Association.

PRESIDENT JEFFERY IS ENTERTAINED

Commerce for the port of San Francisco and the development of San Francisco and of California formed an interesting theme that was discussed at a complimentary luncheon that was given to President Edward T. Jeffery of the Western Pacific Railway Company by the Chamber of Commerce of San Francisco, July 17th. The Western Pacific Railway has entered California by a new route and has opened to enterprise and development a tier of counties and the event therefore had marked public interest. President Jeffery had much to do with the construction and inception of the road. This was his first visit to California since the through line was completed to the Coast, and the Chamber of Commerce took the opportunity to honor him. The luncheon was given in the Colonial ball room of the St. Francis Hotel. Business men who represent large interests were present.

It is impossible in the allotted space to give any address in its completeness. Statements concerning the commercial future of the port of San Francisco are published for the general information of our readers in every part of the world.

William Matson, President of the Chamber of Commerce, welcomed President Jeffery and said: "On behalf of the Chamber of Commerce and the business men of San Francisco, I extend a hearty welcome to our guest, Mr. Jeffery, on his first visit to our city. It is both a pleasure and a privilege to become intimately acquainted with a man of affairs such as our guest of today, and the business men of this community are anxious to become personally acquainted with the President of the Western Pacific Railway Company, and to assure him that San Francisco stands ready at any time to co-operate in all movements to promote trade, commerce and business activities in the Pacific Coast States. It is much more effective to transact business with men whom we know and understand, and the business men of San Francisco hope to be favored with many visits from Mr. Jeffery in the future and to carry on much business with the interests he represents to the mutual benefit of all concerned."

William R. Wheeler, the toastmaster for the occasion, manager of the traffic department of the Merchants' Exchange, said in part: "The citizens of San Francisco long looked for an opportunity to do honor to the man who directed from his office in Broadway, New York, the financing and construction of San Francisco's third transcontinental railroad, third only in her railroad chronology, but by no means third in importance as an instrumentality for her commercial advancement.

"The fact that the Western Pacific was planned and constructed after the completion of the Panama Canal was assured is evidence that you (Jeffery) do not regard that great work as a menace to transcontinental railways, but, on the contrary, as the greatest influence for the promotion of their prosperity that could be conceived. I confidently predict that soon after the completion of the canal San Francisco will take her place as the second port of importance for European immigration in the United States. This immigration will furnish the much needed labor for the development of our natural resources, thus supplying our railroads with vastly increased traffic.

"Furthermore, your road in common with others will distribute this same immigration as far back as the easterly base of the Rocky Mountains, supplying labor for the mines and mills and fields of Colorado, Utah and Nevada, as well as California. Local industries will be built up and their produce distributed as far east as the Rockies at rates paying you greater net revenue than can be secured out of your division of long-haul race. Following the lines of least resistance much of the European import and export traffic which now passes into and out of the inter-mountain section of the great West, through Atlantic and Gulf ports, will thereafter pass through our port and to the direct advantage of your road. Then will San Francisco no longer be the back door of the United States, but be the front door of the Pacific Slope."

Charles C. Moore, President of the Panama-Pacific International Exposition, welcomed Mr. Jeffery in behalf of the Exposition Company, and expressed the hope that although that this was Mr. Jeffery's first official visit he would return many times to this city. He told of Mr. Jeffery being an Exposition man and dwelt on the latter's experience at the Chicago Exposition.

Hon. James N. Gillett said in part: "We hope your relations will always be friendly with the people of our State. I have been observing things for some time and I have reached the conclusion that the great interests of the country are not brigands but are working for the welfare of the Nation as well as anybody else. We cannot develop this country unless the shipper and the man who does the shipping work in harmony. They ought to understand each other, they ought to be closer together, they ought to give and take because they are working for a great common purpose. I believe that your road has adopted that plan."

Interstate Commerce Commissioner Franklin K. Lane said: "The Interstate Commerce Commission has played, and can play but a small part in the commercial life of San Francisco. You are located as favorably as any city in the United States, and her commercial activities must largely depend upon your own activities. San Francisco has a weapon against the railroad far more potential than an appeal to the Interstate Commerce Commission. She has at her door the Pacific Ocean, which within a short time will be a part of the Atlantic, and upon the Pacific Ocean she must very largely rely upon the determining of the rates that she will have."

President Jeffery said: "Let me thank you earnestly and heartily on behalf of the staff of the Western Pacific Railroad Company and myself for this cordial, hospitable, and sincere greeting. We all appreciate this far more than can be expressed by me in words. It reaches deep into our hearts and stirs the warmest feelings of affection.

"You are on the eve of a revolution in marine commerce on the Pacific Coast. I care not what anybody says anywhere in this country about the Panama Canal and the results that will follow the opening of it. It is an epoch in the history of the world. It is a revolutionary enterprise. It will bring this whole Pacific Coast of North and South America nearer to the old world than it ever was before.

"Your city will reap the chief benefit, and that brings me to say that I never had the slightest wonder why you sought the Panama Exposition. How could you feel otherwise, how otherwise could it be celebrated, how otherwise could you give expression to what it all means to you? When this new, short, but wonderful channel of commerce is thrown open to the world, you are right in undertaking to plant here, in this city, a great international exposition."

The following were present: Edward T. Jeffery, Warren Olney, Jr., C. H. Schlacks, C. M. Levey, H. M. Adams, W. J. Shotwell, E. L. Lomax, Charles Elsey, J. F. Evans, Hon. James N. Gillett, Hon. Franklin K. Lane, Charles C. Moore, William B. Wheeler, William G. Bruen, Joel F. Vaile, Edgar L. Marston, James Woods, Phil K. Gordon, R. J. Taussig, W. J. Shotwell, Andrew Davis, Milton Esberg, James Rolph, P. T. Clay, Leon Sloss, C. W. Hornick, Henry A. Whitley, Wm. A. Whitley, R. J. Woods, Robert Capelle, James McNab, J. C. Fyfe, F. W. Dohrmann, John Speck, J. H. G. Wolf, I. H. Morse, Joseph Black, Frank W. Marston, F. S. Hogue, W. H. Hathaway, Chauncey M. St. John, E. C. Bradley, E. J. Sullivan, Frank L. Brown, A. E. Anderson, James K. Moffitt, Fred Tillman, Albert Lindley, A. E. Boynton, George A. Smith, C. M. Elliott, William Matson, Harry Flannery, Julius Heyman, T. A. Woods, A. R. Graham, H. C. Norton, Frederick J. Koster, George H. Pippy, John T. Scott, James Lynch, Constant Meese, A. W. Foster, George A. Batchelder, J. O. Harron, E. E. Bosworth, Theodore Roosevelt Jr., Fairfield Osborn, W. H. Avery, R. M. Hotaling, L. E. Stanton, Leslie L. Morse, Robert Dollar, W. P. Hammon, Willard M. Wayman, George W. McNear, Charles Stewart, Lloyd Robbins, Peter D. Martin, W. G. Tubby, C. O. Brown, Samuel Wormser, George P. Edwards, Frederick Magee, P. M. Wand, Rolla V. Watt, E. H. Tryon, Henry T. Fortmann, John Barneson.

PRESIDENT TAFT IS NOTIFIED OF SITE.

The following dispatch has been sent by Charles C. Moore, president of the Exposition Company, to President Taft:

"I have the honor to inform you that the site for the Panama-Pacific International Exposition selected by a unanimous vote of the directors, comprises lands between Fort Mason and the Presidio, thence by ocean boulevard around the Presidio to and including Lincoln Park, adjoining Fort Miley, thence to Golden Gate Park, thus assuring ample space for all exposition purposes. Proposed ocean boulevard will be world famous for beauty, besides being permanent military highway from Fort Miley to Fort Mason. This plan including parks and running from bay to ocean, giving four miles of frontage on the Golden Gate, offers unlimited scenic beauties and architectural possibilities, and is particularly appropriate to the celebration of the greatest maritime event of the age in a great seaport. Its proximity to Government departments will be of immense interest to American public."

CALIFORNIA HAS ATTRACTIVE SOUND.

U. S. Consul Harry P. Dill sends the following to the Chamber of Commerce Journal from Orillia, Ontario, Canada: "This consulate has received the Chamber of Commerce Journal and it is placed on file. There are many residents here who have visited California, and some old Californians of which the writer is one. I think that California, in itself, has an attractive sound, and I am positive none here have anything but praise for the State. A list of societies and individuals is enclosed to whom you may send the Journal."

COMMERCE OF THE PHILIPPINES.

Philippine trade returns for the calendar year 1910 show exports to the value of $40,628,463 and an import total of $49,719,361. These export figures are the largest in the history of the islands, exceeding those of 1909 by $5,704,126, and accurately measure the growth of trade for the year.

CANADIAN SUBSIDIES FOR SHIPPING.

The statutes of Canada provide for an annual grant on account of mail subsidies and steamship subventions the sum of $273,000. The special grants on this same account for the year ending March 31, 1912, will aggregate $1,733,200, or more than $2,000,000 in all. The largest item in this total is $600,000, made for ocean mail service between Canada and Great Britain. The steam service between Vancouver and Australia receives $180,509, while the service between Canadian Atlantic ports and Australia receives $120,000. The Canadian and South African service also receives $146,000.—From Consul General James W. Ragsdale, Halifax.

EXPORTS OF LINEN PIECE GOODS.

Consul Hunter Sharp, Belfast, writes that the export of linen piece goods from the United Kingdom for the five months ended May 31, 1911, aggregated 85,134,100 yards, valued at $11,696,044, a falling off in quantity from the same period in 1910 of 17,193,100 yards and $1,482,949 in value. The decrease to the United States alone was 17,001,800 yards, valued at $1,771,279.

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency — 733 Merchants Exchange
Green, J. Chas. Company — Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co. — 530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co. — 576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co. — 874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc. — 501-509 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.) — 1460 Market St.
Leavitt, J. W. & Co. — 301 Golden Gate Ave.
Pioneer Automobile Co. — 515 Van Ness Ave.
The Pierce Arrow Sales Company — 330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works — 384 Second St.

BAGS.

Ames Harris-Neville Co. — 100 Potrero Ave.
Bemis Bros. Bag Co. — Sansome & Vallejo Sts.
Plummer, W. A. — 37 Front St.
Moore, Ferguson & Co. — 244 California St.

BANKS AND BANKERS.

The American National Bank of San Francisco — Merchants Exch. Bldg.
The Bank of California (National Association) — 400 California St.
The Anglo-California Trust Co. — 16th & Mission Sts.
The Anglo & London Paris National Bank — NW cor Sutter & Sansome.
The Bank of British North America — 264 California St.
Bank of Italy — 552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California — 325 Clunie Bldg.
Canadian Bank of Commerce — SE cor California & Sansome Sts.
Canton Bank — 653 Kearny St.
Crocker National Bank — Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co. — 100 Montgomery St.
First National Bank of San Francisco — NW cor Post & Montgomery Sts.
French-American Bank — 108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd. — 415 Sansome St.
German Savings & Loan Society — 526 California St.
Halsey, N. W. & Co. (Bankers and Brokers) — 424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation) — 411 Montgomery St.
Heilman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco) — 2 Montgomery St.
Humboldt Savings Bank — 783 Market St.
International Banking Corporation — 200 Montgomery St.
Italian-American Bank — 460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society — Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank — 100 Market St.
McNear Geo. P. — Petaluma, Cal.
Mercantile National Bank of San Francisco — 464 California St.
Meyer, Daniel, Banker — 244 Pine St.
The Mission Bank — 16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank — Phelan Bldg.
Portuguese American Bank — SW cor Clay & Front Sts.
San Francisco Savings Union — NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco — 101 Market St.
Security Savings Bank — 316 Montgomery St.
Sutro, Chas., Banker and Broker — 412 Montgomery St.
Wells Fargo-Nevada National Bank — 4 Montgomery St.
Western Metropolis National Bank — Market & New Montgmy.

BASKETS.

Weston Basket & Barrel Co. — 3rd & Berry Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co. — 317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co. — 30-32 Fremont St.
Degen, L. P. Belting Co. — 260 Mission St.
Pacific Coast Rubber Co. — 416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John — 18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works — Main & Folsom.

BOLTS.

Payne's Bolt Works — 133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co. — 557 Mission St.
Buckingham & Hecht — SW cor 2nd & Mission.
Nolan-Earl Shoe Co. — 727-29 Mission St.
Williams-Marvin Co. — 25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co. — Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc. — Beach nr. Taylor St.

BRASS GOODS.

Barratt, W. T. & Co. ... 214 Leidesdorff St

BREWERIES.

Nunan, Matthew ... 141-67 Howard St
San Francisco Breweries, Ltd. ... 140 Second St
Union Brewing & Malting Co. ... 881 & Florida Sts
Wilson Distilling Co. ... 205 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co. ... 259 Russ Bldg.
Clark, N. & Sons ... 19 Spear St.
Gladding, McBean & Co. ... 311 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks. ... Mills Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co. ... 544 Sansome St.
Mayhew, F. E. & Co. ... 510 Battery St
Swayne, Hoyt & Co. ... 412-14 Battery St
St. John, Chauncey M. ... 510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co. ... 300 Sansome St.
Barth, J. & Co. ... 480 California St
Brown, Walker, Simmons Co. ... 612 Crocker Bldg
Houseworth, F. A. ... 616 Chronicle Bldg.
Pollitz, Edward & Co. ... 419 California St.
Raiss, Carl ... 310 Sansome St.
Rollins, E. H. & Sons ... 1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan) ... 432 California St.
Wilson, J. C. ... Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association ... Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company ... 59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co. ... 1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company ... 1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co. ... Davis & Commercial Sts.

CANNED GOODS.

Armsby, J. K. Co. ... 627 Howard St.
California Canneries Company ... 600 Minnesota St.
California Fruit Canners' Association ... 120 Market St.
Golden State Asparagus Co. ... 16 California St.
Griffith-Durney Co. ... 1 Drumm St.
Hunt Bros. Co. ... 112 Market St.
Long Syrup Refining Co. ... 16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co. ... 440 Montgomery St.
Brenner, Gustave ... 2286 Jackson St.
Coleman, Edward ... 1701 Franklin St.
de Sabla, Eugene J. ... Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela) ... 1304 Merchants Exch.
Eastland, Thomas B. ... 1304 Merchants Exch.
Flood, James L. ... 208 Flood Bldg
Foster, A. W. ... 1210 Flood Bldg
Greenebaum, M. ... 740 Mission St.
Hopkins, E. W. ... 354 Pine St.
Kohl, C. Frederick ... Kohl Bldg.
Law, Herbert E. ... 500 Monadnock Bldg.
McCreery, Andrew B. ... 221 Sansome St
Spreckels, Rudolph ... 1st National Bank Bldg
Williams, Hon. A. P. ... Fairmont Hotel.
Whitney, J. Parker ... 133 Geary St.
Whittell, George ... 166 Geary St.
Worden, Clinton E. ... 1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. ... 2198 Geary St.

CARPETS (SEE FURNITURE.)

CASTINGS (MALLEABLE).

Pacific Foundry Co. ... 18th & Harrison Sts.

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M. ... 201 Montgomery St.
Boskowitz, Frank ... 63 California St.
Ehrman Bros. & Co. ... 24 Front St.
M. A. Gunst & Co. ... 200 California St.
Whitaker, G. W. (The John Hollmann Co.) ... 331 Battery St.
Wolf, Edward Company ... 6-7 California St.

CIRCULAR DISTRIBUTORS.

Weil, Wm. M. ... 27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D. ... 911 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co. ... 311 Crocker Bldg

CLOTHIERS.

Ross Bros. ... Market at Stockton St

CLOTHING MANUFACTURERS.

Loeser, Heynemann ... 7[illegible] Jessie St

COAL (WHOLESALE.)

R. Dunsmuir's Sons ... 24 Steuart St.
Pacific Coast Coal Co. ... 240 Steuart St
Smellie, Wm. ... Ferry Bldg
Smith, James B. (Western Fuel Co.) ... 430 California St.
Stafford, W. G. & Co. ... 224 Steuart St
Western Fuel Co. ... 430 California St
Moore, J. J. & Co. ... 223 Pine St

CODFISH.

Alaska Codfish Co. ... 6 Main St
Union Fish Co. ... 4[illegible] Clay St

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co. ... 126 Mission St.
Caswell, Geo. W. Co. ... 32 Folsom St.
Folger, J. A. & Co. ... Howard & Spear Sts
Hills Bros. ... 71 Fremont St.
Jones, Paddock Co. ... 228-230 Fremont St.
Schilling, A. & Co. ... 240 & Folsom Sts
Siegfried, J. C. & Co. ... 208 Market St
Tyler, S. H. & Son ... 47 Sacramento St

COMMISSION MERCHANTS.

Everding, J. & Co. ... 80-82 Clay St.
Galli, A., Fruit Co. ... 295 Washington St
Garcia & Maggini Co. ... 320 Drumm St
Hammer & Co. ... 240 Clay St
Jacobs, Malcolm & Burtt, Inc. ... 257 Drumm St

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co. ... 77 Post St

CONTRACTORS.

Chadwick & Sykes, Inc. ... 58 Crocker Bldg
Church, D. O. ... 600 Hampshire S.
City Street Improvement Co. ... Merchants Exchange
Healy-Tibbitts Construction Co. ... 208 Market St
Hicks, Lewis A. Company ... 662 Humboldt Bk. Bldg
Mahony Brothers ... Crocker Bldg
Malley, Edward ... 1384 McAllister
San Francisco Bridge Co. ... 565 Monadnock Bldg
Thomson Bridge Co. ... 62 Main St
Whitley, Henry A. ... 476 Mills Bldg

COOPERAGE.

California Barrel Co. ... [illegible] Illinois St
Koster, John A. (California Barrel Co.) ... [illegible] Illinois St
Weston Basket & Barrel Co. ... 3rd & Berry Sts

CORDAGE.

Tubbs Cordage Co. ... Kohl Bldg

CORNICE WORKS.

Forderer Cornice Works ... 261 Potrero Ave

COTTON MILLS.

California Cotton Mills Co. ... 310 California St

CRACKERS.

Standard Biscuit Co. ... NE cor Pacific & Sansome
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) ... 417 Battery St

CREAMERIES.

Isleton Butter Company ... 53-57 California St

CROCKERY AND GLASSWARE.

Schloss, Ben. ... 7 Beale St.
Nathan-Dohrmann Company ... SW cor Geary & Stockton

DAIRIES.

Columbia Dairy, Col. Geo. H. Pippy ... 231 Franklin St

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The ... 45-49 Main St

DRAYING.

McNab & Smith ... 40 Davis St
Overland Freight Transfer Co. ... 35 Second St.

DRIED FRUITS.

Armsby, J. K. Co. ... 627 Howard St
California Fruit Canners' Association ... 120 Market St
Castle Brothers ... 49 California St
Griffin & Skelley Co. ... 36 California St
Guggenhime & Co. ... 100 California St.
Inderrieden, J. B. Co. ... 32 Market St
Madison & Bonner ... 32 Market St
Phoenix Packing Co. ... 36 California St.
Rosenberg Bros. & Co. ... 30 California St

DRUGS AND CHEMICALS.

Braun, Knecht, Heiman ... 575 Mission St
Coffin-Redington Co. ... 26 Second St.
General Chemical Co. of California ... 637 Mills Bldg
Langley & Michaels Co. ... 460 Davis St.
Lee, Lloyd & Co. ... 36 Davis St
Merck & Frier Co. ... 404 Mission St
Scott & Gilbert Co. ... 48 Decker St

DRY GOODS AND DEPARTMENT STORES.

The Emporium ..... Market, near 4th St.
Grant, Joseph D. Murphy, Grant & Co. ..... 100 Sansome St.
Hale Bros., Inc. ..... 979-987 Market St.
Magnin, I. & Co., Inc. ..... Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House) ..... Sutter St. & Grant Ave.
D. Samuels Lace House ..... Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspiel, Samuel ..... 26 Battery St.
Moore, Watson Dry Goods Co. ..... SW. cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. General Electric Co.) ..... Union Trust Bldg.
Briggs, W. W. District Manager Westinghouse Electric and Mfg. Co. ..... 165 Second St.
Brooks, Follis Electric Corporation ..... 14 Second St.
Electric Appliance Co. ..... 736 Mission St.
Electric Ry. & Mfg. Supply Co. ..... 84 Second St.
Pierson, Roeding Co. ..... 667 Monadnock Bldg.
Standard Electrical Construction Co. ..... 633 Howard St.
Thompson Beac ..... 1024 Merch. Exch. Bldg.
Western Electric Company ..... 680 Folsom St.

ELEVATORS.

Otis Elevator Co. ..... Stockton, Beach & North Point Sts.
Van Emon Elevator Co. ..... 46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer) ..... 112 Market St.
Moore, Chas. C. & Co. Engineers ..... 99 First St.
Moore & Scott Iron Works ..... Main & Howard Sts.
United Engineering Works ..... 234 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co. ..... 158 First St.
Union Gas Engine Co. ..... 503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate) ..... 1134 Merchants Exch.
Crocker Estate Company ..... 525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate) ..... 704 West Coast Life Bldg.
Estate of Geo. W. Hooper ..... 112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co. ..... 333 Kearny St.

EXPORTERS.

Havre, J. B. ..... 1018 Kohl Bldg.
Willlar, H. R. (Paper ..... 1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express ..... 35 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co. ..... 712 Mission St.

FINANCIAL AGENTS.

Borden, I. L. ..... 117 Montgomery St.

FIREWORKS.

Newton's California Firework Co. ..... 249 Front St.

FISH.

Alaska Codfish Co. ..... 10 Main St.
Alaska Packers' Association ..... 5 Second St.
Griffith-Durney Co. (Salmon) ..... 1 Drumm St.
The Morgan Oyster Co. ..... 614 Third St.
North Alaska Salmon Co. ..... 110 Market St.
Union Fish Co. ..... 40 Clay St.

FLOUR.

American Milling Co. ..... Mer. Exch. Bldg.
Globe Grain & Milling Co. ..... Chestnut & Montgomery
Hutton, C. A. & Co., Inc. ..... Pres. & Treas.
Pacific Cereal Association ..... Balfour, Tarlton & Co.
Sperry Flour Co. ..... 330 Sansome St.

FOUNDRIES.

Pacific Foundry Co. ..... 18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co. ..... Pier 20 & Washington St.
Garcia & Maggini Co. ..... 330 Drumm St.
Scatena, L. & Company ..... 104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co. ..... 12 Howard St.
Hoffman, Rothschild & Co. ..... 516 Market St.
Netstatter Bros. ..... 161 Mission St.
Greenbaum, Weil & Michels. ..... 740 Mission St.
Strauss, Levi & Co. ..... Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Frederick's, Jos. & Co. ..... Post & Stockton Sts.
Rucker Fuller Desk Co. ..... 728 Mission St.
Shane, W. & J. ..... 216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.) ..... NE. cor. O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co. ..... 57 Post St.

GAS REGULATORS.

Gas Consumers ..... 57 Fourth St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. J. ..... 72 [illegible]

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co. ..... 445 Sutter St.
Mack, Adolph, President ..... 1 Drumm St.

GLASS.

Illinois-Pacific Glass Co. ..... 7th & Harrison Sts.
Pacific Coast Glass Works ..... 7th & Harrison Sts.

GLOVE IMPORTERS.

Steinberger & Lauer ..... 37 Kearny St.

GLUE.

Challenge Glue Co. ..... 344 Howard St.

GRAIN AND BEANS.

Armsby J. C. Co. ..... 327 Front St.
Barnard & Barker ..... 143 Sansome St.

GRAIN AND SUGAR.

Western Grain & Sugar Products ..... 330 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co. ..... 320-340 Davis St.
Goldberg, Bowen & Co., Inc. ..... 41 Sutter St.
Haas Bros. ..... 372 Sansome St.
Levaggi, Granucci & Co. ..... 12 Front St.
Newbauer, J. J. & Co. ..... 32 Clay St.
Rothschild, John & Company ..... Market & Kearny
Sasmas, Weister & Co. ..... 20 Kearny St.
Vellman, Beck & Co. ..... 211 Front St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons ..... Market & Kearny Sts.
Dunham, Carrigan & Hayden ..... 717 Sansome St.
Hamilton, Alexander Baker & Hamilton ..... 717 Sansome St.
Holt Bros. ..... 14 Kearny St.
Marshall Newell Supply Co. ..... 14 Kearny St.
Marwedel, J. V. ..... 76 First St.
Pacific Hardware & Steel Co. ..... 76 First St.
Pacific Tool & Supply Co. ..... 20 Hawthorne St.

HAT MANUFACTURERS.

O'Rourke, Duban Hat Co. ..... 47 Mission St.

HATTERS.

Fisher & Co., Inc. ..... 1 Sansome St.

HAY AND GRAIN.

Moore, Ferguson Co. ..... 1 Sansome St.
Scott, Magner & Miller, Inc. ..... 1 Sansome St.
Somera & Company ..... 37 Clinton Park

HIDES.

Kaufman, Davidson, Emmet, Inc. ..... 137 Clay St.

HOPS AND MALT.

Bauer, Switzer Hop & Malt Co. ..... 320 Sansome St.
Hirst E. Siemens ..... 320 Sansome St.

HOTELS.

Crocker, Charles T., President Crocker Estate Co. ..... Market & New Montgomery
Palace Hotel (John L. Kirkpatrick) ..... Market & New Montgomery
San Francisco Hotel Co. ..... 11 Powell, Cor. Eddy
Stewart, Chas. A. ..... 11 Powell, cor. Eddy

ICE AND COLD STORAGE.

Lehmann, Christian ..... 1 Sansome St.
Martin, Joseph, National Ice & Cold Storage Co. ..... 1 Sansome St.
Pandt, W., President ..... 1 Sansome St.
Storage Co. ..... 1 Sansome St.

IMPORTERS AND EXPORTERS.

American Mercantile Co. ..... 1 Sansome St.
American Trading Co. ..... 4 Sansome St.
Chapman, Wm. ..... 2 Sansome St.
De Fremery & Co. ..... 44 Sansome St.
Deetjman & Co. ..... 1 Sansome St.
Irvin & Tarpey ..... 1 Sansome St.
Lammer & Co. ..... 1 Sansome St.
Havre, J. B. ..... 1 Sansome St.
Kittner, Goldstein Co. ..... 1 Sansome St.
Lastreto & Co. ..... 1 Sansome St.
Levaggi Co. ..... 1 Sansome St.
Lind, Henry & Co. ..... 1 Sansome St.
Macondray & Co. ..... 1 Sansome St.
Lagan & Co. ..... 1 Sansome St.
Meyer, Wilson & Co. ..... 1 Sansome St.
Mitau & Co. ..... 1 Sansome St.
Mac McAllister & Co. ..... 1 Sansome St.
Orient Trade Co. ..... 1 Sansome St.
Parrott & Co. ..... 1 Sansome St.
J. Pluth ..... 1 Sansome St.
Schwartz & Co. ..... 1 Sansome St.
Sherwood & Perry ..... 1 Sansome St.
Spitzen, Th. & Co., Inc. ..... 1 Sansome St.

BRASS GOODS.
Garratt, W. T. & Co. ..... 299 Fremont St.

BREWERIES.
Nunan, Matthew ..... 1241-67 Howard St.
San Francisco Breweries, Ltd. ..... 240 Second St.
Union Brewing & Malting Co. ..... 18th & Florida Sts.
Wilson Distilling Co. ..... 203 California St.

BRICK AND TERRA COTTA.
Carquinez (The) Brick & Tile Co. ..... 259 Russ Bldg.
Clark, N. & Sons ..... 19 Spear St.
Gladding, McBean & Co. ..... 311 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks. ..... Mills Bldg.

BROKERS, CUSTOMS HOUSE.
Bunker, C. D. & Co. ..... 544 Sansome St.
Mayhew, F. E. & Co. ..... 510 Battery St.
Swayne, Hoyt & Co. ..... 412-14 Battery St.
St. John, Chauncey M. ..... 510 Battery St.

BROKERS, STOCK AND BOND.
Adams, James H. & Co. ..... 300 Sansome St.
Barth, J. & Co. ..... 480 California St.
Brown, Walker, Simmons Co. ..... 612 Crocker Bldg.
Houseworth, F. A. ..... 615 Chronicle Bldg.
Pollitz, Edward & Co. ..... 419 California St.
Raiss, Carl ..... 310 Sansome St.
Rollins, E. H. & Sons ..... 1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan) ..... 433 California St.
Wilson, J. C. ..... Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.
Continental Building & Loan Association ..... Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.
Waterhouse & Price Company ..... 59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)
Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co. ..... 1st National Bank Bldg.

CAN MANUFACTURERS.
American Can Company ..... 1001 Mills Bldg.

CANDY MANUFACTURERS.
Rhine, Henry & Co. ..... Davis & Commercial Sts.

CANNED GOODS.
Armsby, J. K. Co. ..... 627 Howard St.
California Canneries Company ..... 600 Minnesota St.
California Fruit Canners' Association ..... 120 Market St.
Golden State Asparagus Co. ..... 16 California St.
Griffith-Durney Co. ..... 1 Drumm St.
Hunt Bros. Co. ..... 112 Market St.
Long Syrup Refining Co. ..... 16th & Harrison Sts.

CAPITALISTS.
Borel, Ant. & Co. ..... 440 Montgomery St.
Brenner, Gustave ..... 2286 Jackson St.
Coleman, Edward ..... 1701 Franklin St.
De Sabla, Eugene J. ..... Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela) ..... 1304 Merchants Exch.
Eastland, Thomas B. ..... 1304 Merchants Exch.
Flood, James L. ..... 208 Flood Bldg.
Foster, A. W. ..... 1210 Flood Bldg.
Greenebaum, M. ..... 740 Mission St.
Hopkins, E. W. ..... 354 Pine St.
Kohl, C. Frederick ..... Kohl Bldg.
Law, Herbert E. ..... 500 Monadnock Bldg.
McCreery, Andrew B. ..... 221 Sansome St.
Spreckels, Rudolph ..... 1st National Bank Bldg
Williams, Hon. A. P. ..... Fairmont Hotel.
Whitney, J. Parker ..... 133 Geary St.
Whittell, George ..... 166 Geary St.
Worden, Clinton E. ..... 1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. ..... 2198 Geary St.

CARPETS (SEE FURNITURE.)

CASTINGS (MALLEABLE).
Pacific Foundry Co. ..... 18th & Harrison Sts.

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)
Blaskower, M. ..... 201 Montgomery St.
Boskewitz, Frank ..... 63 California St.
Ehrman Bros. & Co. ..... 134 Front St.
M. A. Gunst & Co. ..... 201 California St.
Whitaker, G. W. (The John Bollman Co.) ..... 331 Battery St.
Wolf, Edward Company ..... 161-7 California St.

CIRCULAR DISTRIBUTORS.
Weil, Wm. M. ..... 27 Stevenson St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.
Ghirardelli Co., D. ..... 910 North Point St.

CLAY PRODUCTS.
Gladding, McBean & Co. ..... 311 Crocker Bldg.

CLOTHIERS.
Reos Bros. ..... Market at Stockton St.

CLOTHING MANUFACTURERS.
Eloesser-Heynemann Co. ..... 77-87 Battery St.

COAL (WHOLESALE.)
R. Dunsmuir's Sons Co. ..... 340 Steuart St.
Pacific Coast Coal Co. ..... 340 Steuart St.
Smellie, Wm. ..... Russ Bldg.
Smith, James B. (Western Fuel Co.) ..... 430 California St.
Stafford, W. G. & Co. ..... 234 Steuart St.
Western Fuel Co. ..... 430 California St.
Moore, J. J. & Co. ..... 225 Pine St.

CODFISH.
Alaska Codfish Co. ..... 10 Main St.
Union Fish Co. ..... 40 Clay St.

COFFEE, TEAS AND SPICES.
Brandenstein, M. J. & Co. ..... 126 Mission St.
Caswell, Geo. W. Co. ..... 530 Folsom St.
Folger, J. A. & Co. ..... Howard & Spear Sts.
Hills Bros. ..... 175 Fremont St.
Jones, Paddock Co. ..... 228-230 Fremont St.
Schilling, A. & Co. ..... 2nd & Folsom Sts.
Siegfried, J. C. & Co. ..... 268 Market St.
Tyler, S. H. & Son ..... 147 Sacramento St.

COMMISSION MERCHANTS.
Everding, J. & Co. ..... 80-82 Clay St.
Galli, A., Fruit Co. ..... 292 Washington St.
Garcia & Maggini Co. ..... 302 Drumm St.
Hammer & Co. ..... 310 Clay St.
Jacobs, Malcolm & Burtt, Inc. ..... 255 Drumm St.

COMMISSION (SEE SHIPPING.)

CONCRETE.
Ransome Concrete Co. ..... 57 Post St.

CONTRACTORS.
Chadwick & Sykes, Inc. ..... 418 Crocker Bldg.
Church, D. O. ..... 500 Hampshire St.
City Street Improvement Co. ..... Merchants Exchange.
Healy-Tibbitts Construction Co. ..... 268 Market St.
Hicks, Lewis A. Company ..... 662 Humboldt Bk. Bldg.
Mahony Brothers ..... Crocker Bldg.
Malley, Edward ..... 1384 McAllister.
San Francisco Bridge Co. ..... 865 Monadnock Bldg.
Thomson Bridge Co. ..... 103 Main St.
Whitley, Henry A. ..... 456 Mills Bldg.

COOPERAGE.
California Barrel Co. ..... 228 Illinois St.
Koster, John A. (California Barrel Co.) ..... 228 Illinois St.
Weston Basket & Barrel Co. ..... 3rd & Berry Sts.

CORDAGE.
Tubbs Cordage Co. ..... Kohl Bldg.

CORNICE WORKS.
Forderer Cornice Works ..... 269 Potrero Ave.

COTTON MILLS.
California Cotton Mills Co. ..... 310 California St.

CRACKERS.
Standard Biscuit Co. ..... NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) ..... 815 Battery St.

CREAMERIES.
Isleton Butter Company ..... 53-57 California St.

CROCKERY AND GLASSWARE.
Schloss, Ben ..... 17 Beale St.
Nathan-Dohrmann Company ..... SW cor Geary & Stockton

DAIRIES.
Columbia Dairy (Col. Geo. H. Pippy) ..... 231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.
California Door Co., The ..... 43-49 Main St.

DRAYING.
McNab & Smith ..... 40 Davis St.
Overland Freight Transfer Co. ..... 35 Second St.

DRIED FRUITS.
Armsby, J. K. Co. ..... 627 Howard St.
California Fruit Canners' Association ..... 120 Market St.
Castle Brothers ..... 149 California St.
Griffin & Skelley Co. ..... 16 California St.
Guggenhime & Co. ..... 100 California St.
Inderrieden, J. B. Co. ..... 112 Market St.
Madison & Bonner ..... 112 Market St.
Phoenix Packing Co. ..... 16 California St.
Rosenberg Bros. & Co. ..... 153 California St.

DRUGS AND CHEMICALS.
Braun, Knecht, Heimann Co. ..... 576 Mission St.
Coffin-Redington Co. ..... 35 Second St.
General Chemical Co. of California ..... 657 Mills Bldg.
Langley & Michaels Co. ..... 50-60 First St.
Eli, Lilly & Co. ..... 50 First St.
Merwe & Prien Co. ..... 404 Mission St.
Scott & Gilbert Co. ..... 45 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspeil, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Moore, Chas. C. & Co., Engineers.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel N., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Willlar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....Mer. Exch. Bldg.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....Front & Vallejo Sts.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....738 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St.
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kalisher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Armsby, J. K. Co.....627 Howard St.
Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Stewart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....127 Kearny St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.)..Shreve Bldg.
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.)..268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....Kohl Bldg.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St.
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg.
Kutner, Goldstein Co.....408 Merchants Exchange.
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St.
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange.
Otis, McAllister & Co.....310 California St.
Orient Trade Co.....244 California St.
Parrott & Co.....320 California St.
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg.
Sherwood & Sherwood.....41-47 Beale St.
Tetzen, Ch. & Co., Inc.....818 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 510 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Dye, Clarkson ..... 653 Kearny St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V. ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 356 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Risdon Iron Works ..... 503 Market St.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carran & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 246 Mission St.
Clocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Raas Co. ..... 535 Folsom St.
Naher, Alfs & Brune ..... 825 Mission St.
Pascal, Dubedat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1841 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 41 Drumm St.
Taussig, Louis & Co. ..... Main & Mission Sts.
Vignier Ami, Inc. ..... 605 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc. ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 1012 Crocker Bldg.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... Lombard & Montgy. Sts.
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 112 Market St.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 657 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co. ..... 241 California St.
White Bros. ..... 5th & Brannan Sts.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. E. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Henshaw, Bulkley & Co. ..... 19-21 Fremont St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore, Chas. C. & Co., Engineers ..... 99 First St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Laundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John R. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 791-793 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 381 Second St.

MINING.

Belshaw, C. M. ..... 1404 Humboldt Bk. Bldg
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 409 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville....1001-8 Balboa Bldg.
Bonny Bruce....
Bunker, William M....1339 Merchants Exch.
Crocker, Henry J....West Coast Life Bldg.
Cutting Packing Co....510 Kohl Bldg.
Dean, W. E....905 Kohl Bldg.
Dierlex, A. D. ....268 Market St.
Earl D. W....307 Crocker Bldg.
Eldredge, Zoeth S....2621 Devisadero St.
Gray, G. F....610 Wells Fargo Bldg.
Greenewald, O. H. ....Alaska Commercial Bldg.
Howard, H. Z....3739 Clay St.
Lemon, Arthur ....3462 19th St.
Lester, Herrick & Herrick....404 Merchants Exchange.
Lilienthal, E. R....Alaska Commercial Bldg.
Lindsey, M. G. ....268 Market St.
Loveland, H. D....405 First Nat. Bk. Bldg.
Maybeck, B. R....Room 426. No. 35 Montgomery St.
McDougall, C. C....235 Montgomery St.
McLaren, Goode & Co....519 California St.
McLaughlin Co., The....345 Pine St.
Metcalfe, J. ....454 California St.
Miller, J. R....Lick Bldg.
Ralston, A. J....C/o Berkeley Inn. Berkeley, Cal.
Reid Bros. ....Call Bldg.
Smith, Arthur A....2501 Steiner St.
Sperry, Geo. B....2555 Larkin St.
Tillmann, F., Jr....8 Pine St.
Ward, Clarence ....Alaska Commercial Bldg.
Wheeler, Wm. R....Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau)....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager ....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin")....767 Market St.
De Young, Charles, San Francisco "Chronicle"....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle")....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker"....451 Montgomery St.

OILS.

Associated Oil Co....728 Wells Fargo Bldg.
Baker, John, Jr., Claremont Oil Co....Crocker Bldg.
Morshead, Stanley W....255 Kohl Bldg.
Sesnon Oil Company....928 Monadnock Bldg.
Standard Oil Co....461 Market St.
Union Oil Co. of California....201 Mills Bldg.
Valvoline Oil Co. ....440 Brannan St.

OPTICIANS.

California Optical Co. ....181 Post St.

ORNAMENTAL IRON AND BRONZE.

Rudgear-Merle Co. ....Bay, Stockton & N. Point

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co....816 Mission St.
Clinch, C. G. & Co....144 Davis St.
Fuller, W. P. & Co....Beale & Mission Sts.
Paraffine Paint Company, The....34 First St.
Whittier, W. F....301 Howard St.

PAPER.

Blake, Moffitt & Towne....1400 Fourth St.
California Paper & Board Mills....310 California St.
Everett Pulp & Paper Company....244 California St.
Fleishhacker, A. & Co....134 Fremont St.
Pacific Coast Paper Co. ....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co....Alaska Commercial Bldg.
Williar, H. R....260 California St.
Zellerbach Paper Co....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co....134 Fremont St.

PAVING.

City Street Improvement Co....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California ....444 Market St.

PLATING WORKS.

S. F. Plating Works, E. G. Denniston, Proprietor....1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company ....2nd and Brannan Sts.
Dalziel, Moller Co....543 Mission St.
Lally Company....First & Folsom Sts.
Tay, George H. Co....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey....522 Sacramento St

POWDER.

Du Pont de Nemours Powder Co., E. I....Chronicle Bldg.
The Giant Powder Co., Con....202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company....Shreve Bldg.
Mack, Adolph, President City Electric Co....350 Milla Bldg.
Martin, John, President Coast Counties Light & Power Co....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation ....519 California St.
San Francisco Gas & Electric Co....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company....251 Bush St.
Neal, George F. (Neal Publishing Co.)....66 Fremont St.
Pacific Manifolding Book Co....268 Market St.
Shannon-Conmy Printing Co....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co....36-48 Spear St.
Hilmer, Fred L. Company....SW cor Davis & Sacramento Sts.
Isleton Butter Company....52-57 California St.
Levy, Schweitzer & Co. ....1412 Bush St.
Miller & Lux, Inc....1314 Merchants Exch.
Roth, Blum & Co....24 California St.
Swift & Co....Davis & Pacific Sts.
South San Francisco Packing & Provision Co....407-13 Front St.
Western Meat Co....6th & Townsend Sts.
Willits & Patterson....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co....71 First St.
Orenstein-Arthur-Koppel Co....419 Chronicle Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co....160 Sutter St.
Boyd, John F....255 California St.
Harrigan, Weidenmuller & Rosenstirn....345 Montgomery St.
Hecht Investment Co....706 Kohl Bldg.
Hechtman, A. J....508 Kohl Bldg.
Hihn, F. A. ....Santa Cruz, Cal.
Holmes Investment Co., The....68 Post St.
Hooker, Robert G. ....Hooker & Lent Bldg.
Lent, George H....Hooker & Lent Bldg.
Lyon & Hoag ....636 Market St.
Magee, Thomas & Sons....5 Montgomery St.
McGaw, John & Co....232 Montgomery St.
Mann, Clarence M....282 Bush St.
Martin, Peter D....First Natl. Bank Bldg.
Martin, Walter S....702 Call Bldg.
Parkside Realty Co. of San Francisco....409 Crocker Bldg.
Shainwald, Buckbee & Co....27 Montgomery St.
Sheldon, Willard M....324 Crocker Bldg.
Speck, John H....229 Montgomery St.
Umbsen, G. H. & Co....20 Montgomery St.
Wooster, C. M....702 Market St.
Wright, J. W. & Company....Mills Bldg.

RICE.

Brown, A. A. Co....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co....9 Beale St.
Goodyear Rubber Co....573-589 Market St.
Gorham Rubber Co....50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co....46 Sacramento St.
California Salt Co....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc....157-161 Main St.
California Saw Works....721 Brannan St.

SCALES.

Fairbanks, Morse & Co....158 First St.

SEEDS.

Morse, C. C. & Co....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co....1460 Market St.

SHIP BROKERS.

Page Brothers....310 California St.

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works....Main & Howard Sts.
Risdon Iron Works....Potrero.
Union Iron Works Co. ....20th & Michigan Sts.
United Engineering Works....254 Spear St.
Vulcan Iron Works....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis ....34-36 Stewart St.
Hendry, C. J. Company....64 Clay St.
Sellers & Madison Company ....94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway ....420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co. .....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....454 California St.
Chapman, J. F. & Co.....110 Market St.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. .....255 California St.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D.....110 Market St.
Gutte, I. (A Corporation).....214 Front St.
Hackfeld, H. & Co., Ltd. .....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, G. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The .....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Mailliard & Schmiedell .....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....442 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros. .....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc. .....244 California St.
Perkins, Geo. C. .....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spohn, John H. Co. . . . . 49 Main St.
Spreckels, John D.....90 Clay St.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.
Williams, Dimond & Co. .....Alaska Commercial Bldg.

SILKS (Wholesale)

Clayburgh Brothers .....25-27 Sansome St.
Hart, B. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co. .....444 Market St.

SPORTING GOODS.

Golcher Bros. .....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....210 Sansome St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. .....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson .....6th & Townsend Sts.
Mangrum & Otter .....561-563 Mission St.
Montague, W. W.....573 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co...268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company....254 California St.
Hawaiian Commercial & Sugar Company.....405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. .....268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co.....408 Postal Tel. Bldg.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Coast Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company.....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co. .....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. .....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TERRA COTTA AND POTTERY.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works .....Mills Bldg.

TIN PLATE.

Williams, I. E., Representative American Tin Plate Co. .....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman .....325-335 Davis St.
Schoenfeld, D. M.....516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co. .....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. .....Mills Bldg.
Alaska Pacific Steamship Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha .....Metrop. Bk. Bldg.
Bissell, Wm. A., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Buck, Walter E., Manager Associated Transportation Co. .....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Ebey, Harold H., Kosmos Line .....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. .....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads .....85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry. .....1st National Bank Bldg.
Samuels, Frederick S. .....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.
Tonopah & Tidewater Co. . . . . 255 Monadnock Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros. .....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. .....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse .....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. .....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co. .....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Bissinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

Chamber of Commerce Journal.

ISSUED BY THE CHAMBER OF COMMERCE OF SAN FRANCISCO,
SAN FRANCISCO, CALIFORNIA

VOL. 1 SAN FRANCISCO, CALIFORNIA, SEPTEMBER, 1911 No. 6

MAP OF THE GATUN DAM, LOCKS AND SPILLWAY MADE FOR THIS CHAMBER

The above picture shows Gatun Dam, Gatun Lake, the semi circular spillway, the three locks and entrance from the Atlantic Ocean. The surface of the lake is 85 feet above sea level. A detailed description is on pages six and seven.

CHAMBER CONDUCTS ASTORIA EXCURSION

San Francisco assisted Astoria, Oregon, to celebrate its centennial on August 18th, which was set apart as California Day. The Chamber of Commerce of San Francisco arranged an excursion to Astoria and to other Oregon points of interest. The Panama-Pacific International Expositon to take place in San Francisco in 1915 was largely represented. The excursion party included the following:

Captain William Matson, President of the Chamber of Commerce of San Francisco; President C. C. Moore of the Panama-Pacific International Exposition Company; M. H. de Young, Vice-President, and Directors Frank L. Brown, M. J. Brandenstein and Charles S. Fee, also of the Exposition Company; Horace H. Allen, President of the Down Town Association; George C. Boardman and William Best, Jr., of the Merchants' Association; Vice-President C. M. Elliott and Chester W. Burks, Secretary of the Chamber of Commerce of San Francisco; Charles Carpy, Paul T. Carroll, delegate of San Francisco Convention League; Major Charles Christensen, Joseph Costa, Francis Cutting, L. D. Dimm, W. J. Dutton, George H. Eberhard, delegate of Advertisers' Association of San Francisco; T. Cary Friedlander, Secretary of Merchants' Exchange; N. Kinell, Secretary to Passenger Traffic Manager, Southern Pacific Company; Louis Levy, Joseph Martin, Trustee of the Chamber of Commerce of San Francisco; P. P. Matt, Constant Meese, Louis H. Mooser, delegate of the Native Sons of the Golden West; C. H. McCormick, L. B. McMurtry, Edgar D. Peixotto, delegate of the Down Town Association, R. R. Rogers, Secretary of the Rotary Club; R. T. Rolph, Max Schmidt, Charles Stallman, Fred S. Myrtle, William Smellie, C. W. Snook, W. R. Townsend and C. J. Wetmore.

The excursionists were welcomed at Astoria by Mayor H. L. Henderson, Chairman of the Astoria Centennial Celebration, and by H. F. Prael and Frank Stokes of the reception committee.

Subsequently, on the Centennial Celebration grounds, formal exercises took place. Speeches were delivered by Mayor Henderson, Captain William Matson, M. H. de Young, Frank L. Brown and Horace H. Allen. Mayor Henderson's address was one of welcome. The San Francisco speeches are reported in substance only, being condensed on account of lack of space.

M. H. de Young spoke of the history of California and Oregon and then said: "On behalf of the Directors of the Panama-Pacific Exposition and of the people of San Francisco, I desire to now publicly acknowledge the great obligation we have been under for the support given us by the entire State of Oregon in our fight to secure recognition of Congress for the celebration of the completion of the Panama Canal by the holding of a great exposition on the Pacific Coast. Oregon and every State on this Pacific Coast was benefited by this act and the exposition to be held in San Francisco in 1915 means as much to Oregon as it does to the State of California."

Captain William Matson extended the greetings of the commercial organizations of San Francisco to the people of Astoria. In part, he spoke as follows: "The Chamber of Commerce of San Francisco sends you its greetings and best wishes. It is a pleasure for us to be present today to join in celebrating your 100th anniversary. Astoria is probably better for having taken one hundred years in which to lay the foundations for the great city which it will one day become, and has the advantage of other cities which have learned the costly lesson of quick planning and rushed completion.

"San Francisco and Astoria have many interests in common, and it is natural that our Chamber of Commerce should be among the first to congratulate you on your 100th birthday, and offer you our full aid and co-operation. The San Francisco Chamber of Commerce is the oldest commercial organization west of the Rocky Mountains and it has always been our aim to work not only for our own city, but for the entire Pacific Coast.

"We are on the threshold of the greatest commercial age of history—the period following the opening of the Panama Canal—and it behooves all the cities of the Pacific Coast to stand firmly together and work in harmony with one another, in order that we may gain for our community the greatest benefits to be derived from the trade, commerce and other activities which will follow the opening of the Canal.

"In 1915, we will hold in our city by the Golden Gate an International Exposition to celebrate the opening of the Panama Canal, and we will heartily welcome the representatives of your city. We want you to feel as deep an interest as we do in the success of the Panama-Pacific International Exposition, for while the site is in San Francisco, this is really a Pacific Coast event, and one in which you are as vitally interested as San Francisco herself. After what we have seen of the success you have already achieved in and around your city, permit us to render you the hearty congratulations of commercial San Francisco."

Frank L. Brown, Chairman of the Publicity and Exploitation Committee of the Panama-Pacific International Exposition Company, said: "The business and financial relations between Oregon and California have always been of the closest character. Many of the great business firms and enterprises in Oregon were originally established by California men and by California capital. Oregon and California are equally interested in the great awakening of the commerce of the Pacific that will result from the opening of the Panama Canal. And Oregon will benefit fully as much, if not more than California by the holding of the Panama-Pacific International Exposition in San Francisco in 1915, because practically all of the Eastern and European visitors to the Exposition are sure to come or return via the southern routes so as to have the opportunity of seeing the magnificent scenery of the Columbia River and of the Puget Sound country, as well as taking in the Yellowstone Park, the Selkirk Mountains and the other wondrously interesting natural features of the Pacific Coast and the Northwest. Therefore, it seems to me most appropriate that Oregon should set aside at least one-half million dollars for the purpose of erecting a magnificent forestry building at the Panama-Pacific International Exposition in which to display the wonderful and varied resources of Oregon, thereby stimulating the interest of the visitors to the Exposition to visit Oregon and make an investment in some of its rich lands and other varied resources.

"Furthermore, Oregon's example at this time in making an appropriation of half a million dollars will spur the interest and enthusiasm of all the other Pacific Coast and Western States to making similar appropriations, thereby making the Panama-Pacific Exposition not only the greatest exposition in the world's history, but showing as never before the wonderfully varied resources of the great West and making this State a dominant figure in the nation, politically, commercially and financially."

From Astoria the excursionists went to Portland, where they were handsomely entertained by the Commercial Club of Portland.

JAPANESE STEAMSHIP COMPANY'S REPORT.

Consul General Thomas Sammons, Yokohama, reports that the Toyo Kisen Kaisha has issued a statement of profit and loss for the half year ending December 31, 1910, which shows that the total receipts were $1,744,665, as against $1,335,393 disbursements. Of the surplus, $403,653 was set aside to cover former losses, all of which have now been cleared away. The principal receipts were: Freight, $376,339; passengers, $518,708; Government subsidy, $654,132.

The value of goods carried, outgoing and incoming, increased considerably. Military supples sent by the United States to Manila account for the incoming increase, while the outgoing increase is due largely to exports of tea and matting.

LETTER FROM CONSUL GENERAL DILLINGHAM.

An interesting letter has been received from U. S. Consul General Frank Dillingham, Coburg, Germany, from which the following extracts are taken:

"The JOURNAL will be read with great interest by me and then placed in the files of this Consulate General for its clients' use. I am a legal resident of San Francisco where I lived a good many years.

"I am, therefore, glad to advise you that I have, from time to time, in the last fourteen years, at different consular posts, both in Australasia and Continental Europe, done a good deal in the way of letting people interested in our State and city and, as a natural result of my labors, have had the satisfaction of seeing quite a number of our products introduced in those countries. I have seen for sale in certain cities, and have also personally used in my family, when giving public functions, California fruits and wines. I believe that a thoroughly trained, energetic representative of your chamber (one who speaks German) could, by a personal canvass of the Empire, or by addressing its various Chambers of Commerce, accomplish much for our State and city, and especially for our 1915 Exposition. I would, therefore suggest the advisability of sending over a representative of your 'Chamber' and of your '1915 Exposition General Committee' to make this people familiar with the advantages that our State and city offer generally, and that the Exposition will especially offer to exhibitors from Germany of their many manufactures of china, glassware, and other articles.

"If you think favorably of this suggestion, and your representative will include Coburg, the official residence of His Royal Highness, the Duke of Saxe Coburg Gotha, who is a cousin of the German Emperor, and also of the King of England, I will arrange to have him invited to deliver a public address in this city on the resources of our State, and the advantages that our exposition will afford German exhibitors generally, and call attention to the pleasure that German tourists would have in visiting the State, city and exposition. If there is any special thing that the average German dearly enjoys it is a good 'exhibition'—or, as they call it, 'Ausstellung.'

"Assurances of my loyalty to and interest in my State and city, and my desire, at all times, to assist both when opportunity permits me to do so."

LAND AND IRRIGATION EXPOSITION.

With reference to the American Land and Irrigation Exposition to be held in Madison Square Garden, New York, November 3-11, 1911, the Brooklyn *Eagle* says: "The Departments of Agriculture of the United States Government, Alaska, Mexico and Canada offer exhibits of agricultural displays along educational lines. Displays will be made by the leading railroads, States, boards of trade and chambers of commerce, counties and cities, farmers and orchardists, etc.

"One of the important demonstrations will be the showing of meal flour made from alfalfa, and bread, cakes, pies, puddings, and other culinary products made therefrom. An alfalfa banquet will be served by the State of Montana, at the Exposition, and alfalfa bread made at one-fifth the cost of wheat bread, will be distributed. The managers say that is will greatly interest the poor in the congested districts of the big cities in learning that there is such an abundance of cheap food supply available."

HAS GREAT INTEREST IN CHILI.

Arturo Lorca, consul for Chili in San Francisco, writes as follows: "I think it will be of great interest for San Francisco and this State to disseminate matters contained in the Chamber of Commerce Journal, and I have the pleasure to enclose a list of prominent individuals, firms and institutions from my country."

WARMLY WELCOMED AT TAHITI.

The following communication has been received by this Chamber from U. S. Consul North Winship, Tahiti, Society Islands:

"It was with the deepest interest and pleasure that I received the April and May numbers of your admirable Journal, which is indeed a worthy undertaking, and I heartily wish you the success and prosperity which you so richly deserve.

"I have in my office a reference library of Journals, Catalogues and lists of Merchants, Manufacturers, Bankers and Lawyers, which are freely consulted by the merchants here, and I consider your Journal a valuable addition.

"I am anxious to build up a cordial friendship with you and your members, and a more profitable friendship for them with the Merchants of this Colony, and when I visit San Francisco in October, and again in December, I hope to have the pleasure of meeting you and your members, so that I may give you an insight into conditions here, and assure you personally of my willingness to co-operate with you at all times and in every way possible.

"The Chamber of Commerce of Papeete is the only organization of the kind in this District, but I am sure that Mr. V. L. Raoulx, President, would be interested in hearing from you, through this office or directly.

"My Commercial and Trade Reports may be obtained from the Bureau of Manufactures, Washington, D. C., which will give a clear idea of the volume of business now enjoyed by your merchants, and the possibilities of extending same."

CHILEAN TRADE AND ITS FUTURE.

Consul Alfred A. Winslow, Valparaiso, writes: "The Chilean foreign commerce for the first four months of 1911 shows a fair increase, of which the imports take the lead, and all promises well for the balance of the year. According to the best information obtainable here, American interests are getting an increased proportion of the business. Nearly every American salesman visiting this consulate, and the number is increasing, reports highly satisfactory results, and there is room for more, since American interests are getting only about 12 per cent of the more than $100,000,000 (United States gold) worth of imports, when they could have at least 40 per cent.

"American imports into Chile were about 39 per cent greater for 1910 than for 1909, and present indications promise a similar increase for 1911. American interests are awakening to the importance of the business of this part of South America, and are sending a much better class of salesmen into the field, which is bringing satisfactory results for those who are seriously going after this rapidly increasing trade

AMERICAN PIECE GOODS IN CHINA.

Consul General Amos P. Wilder, Shanghai, reports as follows: "Receipts of piece goods into Shanghai and Tientsin show marked increase of late. The source of this information is the Shanghai office of the International Banking Corporation, the statement being as follows:

"American piece goods have recently been ordered for Shanghai to the value of $486,650, which brings the total since last December to $1,216,625. Shipments were made from Manchester during January and February to Shanghai and Tientsin to the value of $10,706,300 against $6,813,100 for the same period last year. In March the average of shipments for Manchester was more than maintained and more than double the March, 1910, figures, and we can only hope the consuming capacity of our market has not been overestimated. The offtake during the three months has increased by 12½ per cent and sales by public auction (which are 37 per cent of the total offtake) are higher by 42 per cent than in the first quarter of 1910."

CHAMBER OF COMMERCE JOURNAL

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OFFICERS AND TRUSTEES OF THE CHAMBER

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SAN FRANCISCO, CALIFORNIA, SEPTEMBER, 1911

CHAMBER'S PUBLICITY MEASURES SUCCEED.

This Chamber has secured, through the assistance of American Consular officers stationed in every civilized country, thousands of names of prominent persons whose active participation in business and affairs make it certain that they will be interested in all matters relating to San Francisco and the State of California. American Consular officers, in response to requests made by this Chamber, have prepared these lists with care. Each list is strictly reliable and therefore valuable. Included are hundreds of names that are not found in any commercial directory. By the method adopted to get into touch with the leading commercial men in all countries, the Chamber has enlarged its scope remarkably.

Every American Consul now has THE CHAMBER OF COMMERCE JOURNAL on file as a source of reference, and it is at the disposal of all who seek information regarding this city and this State. The JOURNAL will be sent by means of successive issues, to each and every one of the persons whose names have been supplied by the Consular officers, and the regular dissemination of information that is of advantage to San Francisco will be established much more widely than has ever been the case heretofore.

The Foreign Consular officers residing in the United States will now be addressed and requested to keep the JOURNAL on file and this publication, in the hands of these gentlemen, will undoubtedly be of value as a source of reference whenever inquiries are made regarding many matters; and will lead to a still greater extension of the work of the Chamber in fields that had been left untouched until this Chamber undertook the work to which American Consuls have lent their efficient aid.

There probably has never been an occasion furnishing a better object lesson regarding the willingness and promptness of the American Consular service to aid in stimulating American commerce. Certainly there has been no hanging back; no dilatoriness or appearance of unwillingness. The Consular body has been proved to be active and alert, and the esteem in which its individual members is held now in San Francisco, where the facts are known, is genuine.

Nearly every American Consular officer who has written to this office in the past three months, in addition to giving assurance of good work performed in behalf of the commerce of California, has also made statements that leave no room for doubt that San Francisco and California are strongly entrenched in the good wishes of commercial men everywhere.

Since the August number of the JOURNAL was issued the following American Consular officers have written to the Chamber:

	Consular Post	*Country*
Consul E. Carlton Baker	Antung	China
Consul Luther T. Ellsworth	Diaz	Mexico
Consul General Amos P. Wilder	Shanghai	China
Consul Frederic W. Gooding	Montevideo	Uruguay
Consul Alfred A. Winslow	Valparaiso	Chile
Consular Agent W. D. Pearce	Alamos	Mexico
Consul General George H. Scidmore	Seoul	Korea
Consul General Frank D. Fisher	Mukden	China
Consul Stuart Fuller	Gothenburg	Sweden
Vice Consul General Charles B. Perry	Calcutta	India
Consul Louis Goldschmid	Nantes	France
Consul Walter C. Hamm	Hull	England
Consul John B. Terrez	Port-au-Prince	Haiti
Vice Consul Orestes Demartini	Trieste	Austria
Consul Lester Maynard	Vladivostock	Siberia
Vice Consul Arthur J. Bundy	Zurich	Switzerland
Vice Consul W. E. D. Ward	Harput	Turkey
Consul General W. H. Gale	Athens	Greece
Consul Edward Higgins	Stuttgart	Germany
Consul Thomas W. Voetter	Saltello	Mexico
Consul General A. W. Thackara	Berlin	Germany
Consul Arminius T. Haeberle	Tegucigalpa	Honduras
Consul W. Bardel	Rheims	France
Consul Franklin D. Hale	Trinidad	B. W. I.
Consul G. W. H. Pickerill	Para	Brazil
Consul Chester W. Martin	Bridgetown	Barbadoes
Consul General Ernest Harris	Stockholm	Sweden
Consul H. A. Johnson	Liege	Belgium
Consul John H. Grout	Odessa	Russia
Consul Albert R. Morantz	Leipsic	Germany
Consul Carl F. Deichmann	Nagasaki	Japan
Consul W. J Yerby	Sierra Leon	Africa
Consul Wm. Thomas Fee	Bremen	Germany
Consul Horace W. Metcalf	Newcastle-on-Tyne	England
Consul Milo A. Jewitt	Trebizond	Turkey
Consul Edwin S. Cunningham	Bombay	India
Consul James W. Johnson	Corinto	Nicaragua
Consul Charles K. Moser	Aden	Arabia
Consul Albert W. Robert	Algiers	Algeria
Consul Maxwell K. Moorhead	Rangoon	Burma
Consul George Eugene Eager	Barmen	Germany
Consul D. R. Birch	Alexandria	Egypt
Consul Jose de Olivares	Madras	India
Consul James Oliver Laing	Valletta	Malta
Consul Merrill Griffith	Pernambuco	Brizil
Consul G. B. Killmarter	Newcastle	N. S. Wales
Consul Mason Mitchell	Apia	Samoa
Vice Consul Charles F. Brissel	Amoy	China
Consul General W. A. Prickitt	Auckland	New Zealand
Vice Consul J. D. Spence	Lourence Marquez	S.E. Africa
Consu Roger S. Green	Harbin	China
Vice Consul C. E. Webster	Hobart	Tasmania
Consul General W. Stanley Hollis	Beirut	Syria
Vice Consul A. V. Gilbert	Nanking	China
Vice Consul Lawrence Hill	Riga	Russia
Consul Cornelius Ferris	Asuncion	Paraguay
Consul John F. Jewell	Melbourne	Australia
Vice Consul General Guy R. Love	Adis Ababa	Abyssinia
Vice Consul General John Brewer	Santo Domingo	D. R.

FOREIGN TRADE FOR SIX MONTHS.

John L. Griffiths, American Consul General at London, writes of Britain's half year trade record as follows: "For the first six months of 1911 the imports showed a decrease of .08 per cent, while there was an increase in the exports of 9.32 per cent. The total foreign commerce of the United Kingdom for the half year ended June 30, 1911, amounted to $2,981,606,241, made up of imports, $1,626,014,728 (decrease on six months, 1910, $1,374,265), exports, $1,088,481,767 (increase on six months, 1910, $92,865,346), re-exports, $267,109,746 (decrease on six months, 1910, $2,067,420)."

FIRST BOARD OF OFFICERS IS ELECTED.

The first board of officers of the new organization to be composed of the memberships of the Chamber of Commerce of San Francisco, the Merchants' Association, the Merchants' Exchange and the Down Town Association has been elected. M. H. Robbins, Jr., President of the Merchants' Association, is the President; William T. Sesnon, President of the Sesnon Oil Co., is First Vice-President; H. H. Allen, President of the Down Town Association, is Second Vice-President; M. H. Esberg, of M. A. Gunst & Co., is Third Vice-President; F. B. Anderson, President of the Bank of California, is Treasurer.

The Board of Directors, which includes the first board of officers, and the bodies that they represent in the amalgamated body, which will be known as the San Francisco Chamber of Commerce, are as follows:

CHAMBER OF COMMERCE.
W. M. Alexander, Manager, Alexander & Baldwin.
Henry D. Nichols, Vice-President, Tubbs Cordage Co.
James Tyson, President, Chas. Nelson Co.
Robert Dollar, President, The Robert Dollar Co.
William Matson, President, Matson Navigation Co.

MERCHANTS' EXCHANGE.
F. B. Anderson, President, Bank of California.
W. J. Dutton, President, Fireman's Fund Insurance Co.
A. L. Scott, President, Pacific Hardware & Steel Co.
F. A. Somers, President, Somers & Co.

MERCHANTS' ASSOCIATION.
George C. Boardman, Boardman Bros. & Co.
M. H. Robbins, Jr., Manager, Otis Elevator Co.
Jos. Sloss, Treasurer, Alaska Commercial Co.

DOWN TOWN ASSOCIATION.
H. H. Allen, Secretary, Morgan & Allen Co.
M. H. Esberg, Second Vice-President, M. A. Gunst & Co.
Robert A. Roos, Secretary, Roos Bros.
P. T. Carroll, Haberdasher, 708 Market Street.

UNATTACHED.
A. B. C. Dohrmann, V.-Pres. and Gen. Mgr., Nathan-Dohrmann Co.
John S. Drum, President, Savings Union Bank of San Francisco.
J. K. Moffitt, Cashier, First National Bank.
Wm. T. Sesnon, President, Sesnon Oil Co.
Geo. M. Rolph, Manager, California & Hawaiian Sugar Refining Co.

JOURNAL IS FOUND USEFUL AT MALTA.

United States Consul James Oliver Laing, stationed at Valletta, Malta, writes as follows: "THE CHAMBER OF COMMERCE JOURNAL is of use to this consulate because a large number of Maltese have emigrated to California. Their relatives here and others who desire to go to California welcome literature from the Coast."

ATTRACTS ATTENTION TO CALIFORNIA.

Jose de Olivares, American Consul at Madras, India, writes as follows: "After carefully reviewing the contents of THE CHAMBER OF COMMERCE JOURNAL, I believe that it would be read with interest by public spirited business men hereabouts, and could not but attract favorable attention to California, and its great seaport, San Francisco."

INFORMATION DESIRED IN SOUTH AFRICA.

The following has been received from United States Consul Nathaniel B. Stewart, whose consular post is at Durban, Natal, South Africa: "All information concerning the United States is of interest in South Africa and, because the climate and products here (Durban) are somewhat similar to those of a large portion of California, the knowledge of what you are doing in that State is especially interesting."

NEW STEAMSHIP LINE TO SHANGHAI.

The London and China *Telegraph* reports that the Austrian Lloyd has resolved to establish a new line of steamers between Trieste and Shanghai, which will make the voyage in about seven days' less time than has hitherto been taken.

CANAL WORK IS MAKING RAPID PROGRESS.

More than three-fourths of the excavation work of the Panama Canal has been completed. An official statement has been made that shows the progress to be as follows:

The grand total of canal excavation to July 1st was 142,967,554 cubic yards, leaving to be excavated 39,570,212 cubic yards, or less than one-fourth of the entire amount for the completed canal.

The total for June was 2,646,442 cubic yards, as compared with 2,616,609 cubic yards in June, 1910, and 2,895,793 cubic yards in June, 1909. All the excavation was "work excavation," there being no "plant excavation."

The dry excavation amounted to 1,588,388 cubic yards, and was principally by steam shovels. The dredges removed 1,028,198 cubic yards, and 29,856 cubic yards were sluiced, in addition to the amount pumped into Gatun Dam by suction dredges.

In the Atlantic Division, the total excavation was 516,095 cubic yards. Of this total, 63,997 cubic yards were dry excavation, and the remainder was removed by the dredges in the Atlantic entrance.

The total excavation in the Central Division was 1,433,304 cubic yards, all of which was from the prism.

In the Pacific Division, the total excavation was 697,043 cubic yards, 522,242 cubic yards of which were taken out by the dredges at the Pacific entrance, and 53,858 by the hydraulic excavation plant at Miraflores Locks.

On account of the changes in the stability of the canal banks in the Culebra section, it was found necessary to add 4,676,278 cubic yards to the original estimate for completed canal, making the revised total estimated amount of material to be removed in the Central Division 101,801,296 cubic yards, and up to July 1, 1911, 77,338,235 cubic yards had been removed, leaving 24,463,061 cubic yards yet to be removed, in order to complete all excavation in the Central Division. From these figures it will be seen that 75.97 per cent of all excavation in the Central Division had been completed up to the close of the month of June, and 24.03 per cent yet remained uncompleted.

Considering the two sections which compose the Central Division, the excavation completed, and that yet to be completed, at the close of June operations were as follows:

CULEBRA SECTION.

	Cubic Yds.
Completed	65,514,865
To be completed	23,929,140

CHAGRES SECTION.

Completed	11,823,370
To be completed	533,921

From the above figures it will be seen that the Culebra section, locally known as the Culebra Cut, is 73.25 per cent completed, and 26.75 per cent yet to be completed. The Chagres section is 95.68 per cent completed, and 4.32 per cent yet to be completed.

Work on the new Panama Railroad dock at Balboa is now going forward with day and night shifts, in order that its construction may be hastened. On July 24th, twenty-seven out of the fifty-three caissons required for the foundation of the dock were under way. Of this number, nine had been sunk to bed rock, and six of them had been filled with concrete. Several more had been excavated to nearly the required depth, and the work is now in progress at various points for the entire length of the dock.

Award has been authorized for eight 4-ton electric cargo handling cranes for the pier at Balboa, the Pacific entrance to the canal. The difference between high and low tide at Balboa is about twenty feet. The cranes must move along the face of the dock, and handle cargo from ships through the legs of the cranes into the covered portion of the pier, and were designed to meet these conditions. These cranes will be delivered within eight months of the time of signing the contract, and will be erected one by one.

CHAMBER'S MAP OF THE GATUN DAM

The Chamber has received from Washington, D. C., a relief map of Gatun Dam, locks and spillway, made to its order under the direction of William M. Bunker, Washington, representative of the organization. The map was three months in the making. It is an illuminating object lesson in canal construction. The accompanying description of the dam, locks, spillway and map is taken from Mr. Bunker's detailed report to President Matson:

From deep water in the Atlantic to deep water in the Pacific the Panama Canal is 50½ miles long. On land it is about 40¼ miles long. The crux of the canal problem was control of the Chagres River. The river crosses the canal line twenty-three times. Add that the river region has an annual rainfall of nearly 400 inches and the river rises 30 feet in a single night, and the gravity of the river situation is easily seen. The problem was approached from many angles, first by the French and later by the Americans, and time and again partially satisfactory plans were adopted. The American engineers found a safe way to utilize the river waters. Hence the idea of damming the river and thus creating a lake. The conditions permitted such a lake and offered no fatal obstacles to the building of the dam. Hence the Gatun Dam, lake and spillway, the three dominating features of canal construction.

The Chamber relief map of the Gatun Dam, locks and spillway, made on a scale of one inch, equals 100 feet or 1-1200 of actual dimensions, both horizontal and vertical. The dam impounds the waters of the Chagres and its affluents and creates Gatun Lake. This lake is the summit level of the canal, 85 feet above sea level. The dam is 8,000 feet long, over all, measured along the crest, 2,100 feet wide at the base, 400 feet wide on the water line and 100 feet wide at the top.

The spillway dam will contain about 250,000 cubic yards of concrete. Its crest will have an elevation of 69 feet. Piers 8.5 feet wide will be built on the crest 53.5 feet between centers, leaving fourteen clear openings of 45 feet span which will be closed by sluice gates. The fluctuations in the lake arising from floods will be controlled by the spillway dam. The water discharged through the sluice gates will flow through the spillway channel into the old bed of the Chagres River and thence to the Atlantic Ocean. At present all the water discharged from the Chagres River and its tributaries flows through the spillway dam opening. When canal construction will permit the formation of the lake, the spillway will be closed by the completion of its concrete dam and the installation of the gates and machinery for regulating the water level of the lake, 85 feet. In order to clearly understand the underlying purposes of the lake, the main dam, the spillway dam and the locks, the 85-foot level of the lake, which is the summit level of the canal, should be borne in mind all the time.

Gatun Lake will cover an area of 164 square miles. Therefore, the waters of the Chagres River and its tributaries will be readily absorbed regardless of torrential rains and the resulting floods. The lake will have a ship channel varying in depth from 45 to 85 feet. This channel will have a width of 1,000 feet for the first 16 miles from Gatun. The following four miles the channel will have a width of over 1,000 feet and thence to Culebra Cut, a distance of four miles, the channel will be 500 feet wide.

The Chamber relief map shows the lake, the locks, the dam, the spillway, steamers approaching from the Atlantic, steamers being towed and guided through the locks and steamers in the lake.

The locks at Gatun are in three pairs and in flight. The three locks lift a vessel from sea level to the summit level of the canal, 85 feet. The dimensions of all the locks in the Canal Zone are the same—a usable length of 1,000 feet and a usable width of 110 feet. Each lock will be a chamber, with floor and walls of concrete, and at each end there will be water-tight gates. Most canal locks are operated by the admission and expulsion of water through gateways. The Gatun lock chambers will be filled and emptied through lateral culverts, 18 feet in diameter, in the walls, the water flowing in and out by gravity. The culvert area is such that if all valves be open at once all the lock chambers can be filled or emptied in a very short time. Such action, however, might create disturbance and currents in the canal above or below the locks, and again it might also be detrimental to vessels in the locks, especially to large vessels requiring several mooring lines on each side wall. The culvert area is sufficient to fill or empty the locks in about fifteen minutes. The culverts are shown in the Chamber relief map.

It will be noticed the map shows that a central wall divides each lock into twin chambers. This division leaves two routes open—one for vessels bound from the Atlantic to the Pacific, and one for those bound from the Pacific to the Atlantic.

The lock gates will be steel structures seven feet thick, 65 feet long, and from 47 to 82 feet high. Intermediate gates will be used in the locks, in order to save water and time, if desired, in locking small vessels through, the gates being so fixed as to divide the locks into chambers 600 and 400 feet long, respectively. Ninety-five per cent of the vessels navigating the high seas are less than 600 feet long.

In passing through the canal from the Atlantic to the Pacific a vessel will enter a channel with a bottom width of 500 feet in Limon Bay, follow this channel for about seven miles to Gatun, where it will enter the series of three locks in flight, as shown on the relief map, and be lifted 85 feet to the level of Gatun Lake. It will pass at full speed through the lake, in a channel varying from 1,000 to 500 feet in width, for a distance of about 24 miles to Bas Obispo, where it will enter the Culebra Cut. The average bottom width of the channel in this project is 649 feet and the minimum width is 300 feet. The canal will have a minimum depth of 41 feet.

In designing the locks, gates and emergency dams, Colonel George W. Goethals and his staff were forced to invent ways and means to safeguard the canal project. The fundamental principle has been followed that in all cases there shall be at any time not less than two barriers separating a high level from the next below. In carrying out this principle there are two gates at the upper and two gates at the lower end of the upper lock. The double gates will be operated simultaneously.

Another safety device is a chain stretched across the lock near the surface of the water and passed around capstans on the walls. This device is so arranged that by the application of frictional resistance it will arrest a 10,000-ton vessel moving at a speed of three miles an hour. When not in use it will lie in a groove in the lock floor. The chain is shown on the Chamber relief map.

As to the emergency dams, the results of serious mishaps to the gates and locks are guarded against by movable dams above the upper gates. Each dam consists of a swing drawbridge provided with a strong horizontal as well as vertical truss system. One of these bridges is to be mounted on each of the side walls of the lock as far above the upper gates as practicable with due regard to economy. Each bridge can then be swung until its free end rests on the middle wall, spanning the forebay of one of the twin locks. From the horizontal truss of the bridge when swung, wicket girders are dropped, which pivot at the upper extremities at the panel points of the bridge and rest their lower extremities against a sill prepared for the purpose in the masonry of the floor of the forebay. Rolling gates are then to be dropped down a runway formed by the upper flanges of the wicket girders, these gates closing the waterway in horizontal tiers, beginning at the bottom. In this way the tremendous flow of water through the locks, with the gates once opened, could be checked in less than an hour.

The relief map shows a steamer approaching the entrance

to the canal from Limon Bay, the Atlantic end of the waterway. An electric locomotive on the seawall extending into the bay tows the steamer to the entrance to the locks. The locomotive is technically termed an electric mule. At the entrance to the first lock the steamer is connected with three other electric mules. The two mules in advance, one on the port and the other on the starboard side, tow the steamer through the locks, while the two astern steady the steamer and make swinging impossible. No vessel is allowed to move a propellor during the passage of the locks.

The Chamber relief map is based on the latest designs for canal work and surpasses in detail and finish the official relief map made for the Government exhibit in Turin.

LIVERPOOL'S STEAM-VESSEL OWNERSHIP.

That over one-fifth of the total British steam tonnage afloat and 25 per cent of the total number of British steam vessels above 5000 tons are owned in the port of Liverpool, was among the interesting statistics appearing in the annual report just published by the Liverpool Steamship Owners' Association. It appears that the association at the end of 1910 owned 3,986,369 tons of steam shipping, which is upward of 22 per cent of the total British steam shipping and comprises 32 per cent of the total number of steam vessels of a speed of 12 knots and over and 39 per cent of the total number of steam vessels above 5000 tons.

UNITED STATES FOREIGN TRADE RETURNS.

The Advance Sheets from the Monthly Summary of Commerce and Finance for June, 1911, published by the Bureau of Statistics of the Department of Commerce and Labor, have just appeared. They contain detailed figures showing imports and exports of the United States, by articles and countries, for each of the three fiscal years, 1909, 1910, and 1911.

The value of imports during the fiscal year ended June 30, 1911, shows a slight decrease, namely, from $1,556,947,430 in 1910, to $1,527,966,105 in 1911. The value of exports, on the other hand, shows an increase from $1,744,984,720 in 1910 to $2,049,320,199 in 1911, having passed the two million dollar mark for the first time in the history of our commerce. The value of manufactures exported was $909,962,664, an increase of $142,981,419 over the preceding year. Of these exports $600,765,222 represent manufactures ready for consumption, and $309,197,442 represent manufactures for further use in manufacturing. This increase in exports of manufactures is the largest ever recorded, and suggests that the total of manufactures exported in the present fiscal year will probably exceed one billion dollars.

Information showing, by articles, the imports and exports of each of the principal countries of the world for a long series of years may be obtained by consulting the *Statistical Abstract of Foreign Countries*, published by the Bureau of Statistics of the Department of Commerce and Labor. Copies of this volume may be obtained free of charge on application to that bureau.

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency — 733 Merchants Exchange
Green, J. Chas. Company — Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co — 530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co — 576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co — 874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc — 501-509 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.) — 1460 Market St.
Leavitt, J. W. & Co — 301 Golden Gate Ave.
Pioneer Automobile Co — 515 Van Ness Ave.
The Pierce Arrow Sales Company — 330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works — 384 Second St.

BAGS.

Ames Harris-Neville Co — 100 Potrero Ave.
Bemis Bros. Bag Co — Sansome & Vallejo Sts.
Plummer, W. A — 37 Front St.
Moore, Ferguson & Co — 244 California St.

BANKS AND BANKERS.

The American National Bank of San Francisco — Merchants Exch. Bldg.
The Bank of California (National Association) — 400 California St.
The Anglo-California Trust Co — 16th & Mission Sts.
The Anglo & London Paris National Bank — NW cor Sutter & Sansome.
The Bank of British North America — 264 California St.
Bank of Italy — 552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California — 325 Clunie Bldg.
Canadian Bank of Commerce — SE cor California & Sansome Sts.
Canton Bank — 653 Kearny St.
Crocker National Bank — Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co — 100 Montgomery St.
First National Bank of San Francisco — NW cor Post & Montgomery Sts.
French-American Bank — 108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd — 415 Sansome St.
German Savings & Loan Society — 526 California St.
Halsey, N. W. & Co. (Bankers and Brokers) — 424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation) — 411 Montgomery St.
Hellman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco) — 2 Montgomery St.
Humboldt Savings Bank — 783 Market St.
International Banking Corporation — 200 Montgomery St.
Italian-American Bank — 460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society — Junction Market, Jones. and McAllister Sts.
Marine Trust & Savings Bank — 100 Market St.
McNear Geo. P — Petaluma, Cal.
Mercantile National Bank of San Francisco — 464 California St.
Meyer, Daniel, Banker — 244 Pine St.
The Mission Bank — 16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank — Phelan Bldg.
Portuguese American Bank — SW cor Clay & Front Sts.
San Francisco Savings Union — NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco — 101 Market St.
Security Savings Bank — 316 Montgomery St.
Sutro, Chas., Banker and Broker — 412 Montgomery St.
Wells Fargo-Nevada National Bank — 4 Montgomery St.
Western Metropolis National Bank — Market & New Montgmy.

BASKETS.

Weston Basket & Barrel Co — 2nd & Federal Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co — 317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co — 30-32 Fremont St.
Degen, L. P. Belting Co — 260 Mission St.
Pacific Coast Rubber Co — 416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John — 18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works — Main & Folsom.

BOLTS.

Payne's Bolt Works — 133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co — 557 Mission St.
Buckingham & Hecht — SW cor 2nd & Mission.
Nolan-Earl Shoe Co — 727-29 Mission St.
Williams-Marvin Co — 25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co — Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc — Beach nr. Taylor St.

BRASS GOODS.

Garratt, W. T. & Co.....299 Fremont St.

BREWERIES.

Nunan, Matthew.....1241-67 Howard St.
San Francisco Breweries, Ltd.....240 Second St.
Union Brewing & Malting Co.....18th & Florida Sts.
Wilson Distilling Co. .....202 California St.

BRICK AND TERRA COTTA.

Carquinez (The) Brick & Tile Co.....259 Russ Bldg.
Clark, N. & Sons.....19 Spear St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks.....Mills Bldg.

BROKERS, CUSTOMS HOUSE.

Bunker, C. D. & Co.....544 Sansome St.
Mayhew, F. E. & Co.....510 Battery St.
Swayne, Hoyt & Co.....412-14 Battery St.
St. John, Chauncey M.....510 Battery St.

BROKERS, STOCK AND BOND.

Adams, James H. & Co.....300 Sansome St.
Barth, J. & Co.....480 California St.
Brown, Walker, Simmons Co.....612 Crocker Bldg.
Houseworth, F. A. .....615 Chronicle Bldg.
Pollitz, Edward & Co.....419 California St.
Raiss, Carl .....310 Sansome St.
Rollins, E. H. & Sons.....1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan).....433 California St.
Wilson, J. C.....Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.

Continental Building & Loan Association.....Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.

Waterhouse & Price Company.....59 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)

Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co.....1st National Bank Bldg.

CAN MANUFACTURERS.

American Can Company.....1001 Mills Bldg.

CANDY MANUFACTURERS.

Rhine, Henry & Co.....Davis & Commercial Sts.

CANNED GOODS.

Armsby, J. K. Co.....627 Howard St.
California Canneries Company.....600 Minnesota St.
California Fruit Canners' Association.....120 Market St.
Golden State Asparagus Co.....16 California St.
Griffith-Durney Co.....1 Drumm St.
Hunt Bros. Co.....112 Market St.
Long Syrup Refining Co.....16th & Harrison Sts.

CAPITALISTS.

Borel, Ant. & Co.....440 Montgomery St.
Brenner, Gustave.....2286 Jackson St.
Coleman, Edward .....1701 Franklin St.
De Sabla, Eugene J.....Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela).....1304 Merchants Exch.
Eastland, Thomas B.....1304 Merchants Exch.
Flood, James L. .....208 Flood Bldg.
Foster, A. W.....1210 Flood Bldg.
Greenebaum, M.....740 Mission St.
Hopkins, E. W.....354 Pine St.
Kohl, C. Frederick.....Kohl Bldg.
Law, Herbert E.....500 Monadnock Bldg.
McCreery, Andrew B.....221 Sansome St.
Williams, Hon. A. P.....Fairmont Hotel.
Whitney, J. Parker.....133 Geary St.
Whittell, George.....166 Geary St.
Worden, Clinton E.....1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. .....2198 Geary St.

CARPETS (SEE FURNITURE.)

CASTINGS (MALLEABLE).

Pacific Foundry Co. .....18th & Harrison Sts.

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)

Blaskower, M.....201 Montgomery St.
Boskowitz, Frank.....63 California St.
Ehrman Bros. & Co.....134 Front St.
M. A. Gunst & Co.....201 California St.
Whitaker, G. W. (The John Bollman Co.).....331 Battery St.
Wolf, Edward Company.....161-7 California St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.

Ghirardelli Co., D.....940 North Point St.

CLAY PRODUCTS.

Gladding, McBean & Co.....311 Crocker Bldg.

CLOTHIERS.

Roos Bros. .....Market at Stockton St.

CLOTHING MANUFACTURERS.

Eloesser-Heynemann Co.....77-87 Battery St.

COAL (WHOLESALE.)

R. Dunsmuir's Sons Co.....340 Steuart St.
Pacific Coast Coal Co.....340 Steuart St.
Smellie, Wm.....Russ Bldg.
Smith, James B. (Western Fuel Co.).....430 California St.
Stafford, W. G. & Co.....234 Steuart St.
Western Fuel Co.....430 California St.
Moore, J. J. & Co.....225 Pine St.

CODFISH.

Alaska Codfish Co. .....10 Main St.
Union Fish Co. .....40 Clay St.

COFFEE, TEAS AND SPICES.

Brandenstein, M. J. & Co.....126 Mission St.
Caswell, Geo. W. Co. .....530 Folsom St.
Folger, J. A. & Co.....Howard & Spear Sts.
Hills Bros. .....175 Fremont St.
Jones, Paddock Co.....228-230 Fremont St.
Schilling, A. & Co.....2nd & Folsom Sts.
Siegfried, J. C. & Co.....268 Market St.
Tyler, S. H. & Son.....147 Sacramento St.

COMMISSION MERCHANTS.

Everding, J. & Co.....80-82 Clay St.
Galli, A., Fruit Co. .....292 Washington St.
Garcia & Maggini Co.....302 Drumm St.
Hammer & Co.....310 Clay St.
Jacobs, Malcolm & Burtt, Inc.....265 Drumm St.

COMMISSION (SEE SHIPPING.)

CONCRETE.

Ransome Concrete Co.....57 Post St.

CONTRACTORS.

Chadwick & Sykes, Inc. .....418 Crocker Bldg.
Church, D. O. .....500 Hampshire St.
City Street Improvement Co.....Merchants Exchange.
Healy-Tibbitts Construction Co.....9 Main St.
Hicks, Lewis A. Company.....662 Humboldt Bk. Bldg.
Mahony Brothers.....Crocker Bldg.
Malley, Edward.....1284 McAllister.
San Francisco Bridge Co.....865 Monadnock Bldg.
Thomson Bridge Co.....103 Main St.
Whitley, Henry A. .....456 Mills Bldg.

COOPERAGE.

California Barrel Co.....22nd & Illinois Sts.
Koster, John A. (California Barrel Co.).....22nd & Illinois Sts.
Weston Basket & Barrel Co.....3rd & Berry Sts.

CORDAGE.

Tubbs Cordage Co. .....Kohl Bldg.

CORNICE WORKS.

Forderer Cornice Works.....269 Potrero Ave.

COTTON MILLS.

California Cotton Mills Co.....310 California St.

CRACKERS.

Standard Biscuit Co.....NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) .....815 Battery St.

CREAMERIES.

Isleton Butter Company.....53-57 California St.

CROCKERY AND GLASSWARE.

Schloss, Ben.....17 Beale St.
Nathan-Dohrmann Company.....SW cor Geary & Stockton

DAIRIES.

Columbia Dairy (Col. Geo. H. Pippy).....231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.

California Door Co., The.....43-49 Main St.

DRAYING.

McNab & Smith.....40 Davis St.
Overland Freight Transfer Co.....35 Second St.

DRIED FRUITS.

Armsby, J. K. Co. .....627 Howard St.
California Fruit Canners' Association.....120 Market St.
Castle Brothers.....149 California St.
Griffin & Skelley Co.....16 California St.
Guggenhime & Co.....100 California St.
Inderrieden, J. B. Co.....112 Market St.
Madison & Bonner.....112 Market St.
Phoenix Packing Co.....16 California St.
Rosenberg Bros. & Co.....153 California St.

DRUGS AND CHEMICALS.

Braun, Knecht, Heimann Co.....576 Mission St.
Coffin-Redington Co. .....35 Second St.
General Chemical Co. of California .....657 Mills Bldg.
Langley & Michaels Co.....50-60 First St.
Eli, Lilly & Co.....50 First St.
Serwe & Prien Co.....615 Market St.
Scott & Gilbert Co.....45 Ecker St.

DRY GOGDS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspeil, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westipghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....407 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Moore, Chas. C. & Co., Engineers.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....165 Erie St.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....Front & Vallejo Sts.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....738 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St.
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....16th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kallsher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Armsby, J. K. Co.....627 Howard St.
Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Steuart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Eubanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....127 Kearny St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.).....Shreve Bldg.
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.).....268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....Kohl Bldg.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St.
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg.
Kutner, Goldstein Co.....714 Merchants Exchange
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St.
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange
Otis, McAllister & Co.....310 California St.
Orient Trade Co.....244 California St.
Parrott & Co.....320 California St.
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg.
Sherwood & Sherwood.....41-47 Beale St.
Tetzen, Ch. & Co., Inc.....818 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 540 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Dye, Clarkson ..... 653 Kearny St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V., Manager Royal and Queen Insurance Companies ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 356 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 246 Mission St.
Ciocca, Lombardi Wine Co. ..... 647-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Rana Co. ..... 535 Folsom St.
Naber, Alfs & Brune ..... 825 Mission St.
Pascal, Dubedat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Petera, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1844 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 41 Drumm St.
Tausig, Louis & Co. ..... Main & Mission Sts.
Vignier Ami, Inc. ..... 605 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc. ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 1012 Crocker Bldg.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... 144 Sansome St
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 112 Market St.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 16 California St.
Gardiner Mill Co. ..... 16 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hooper, Geo. W. ..... 1st Natl. Bank Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 557 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co. ..... 244 California St.
White Bros. ..... 5th & Brannan Sts.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. E. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore, Chas. C. & Co., Engineers ..... 99 First St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Lundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTUREES' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John R. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Gen. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 739 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 384 Second St.

MINING.

Belshaw, C. M. ..... 1404 Humboldt Bk. Bldg
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg
Sultana Gold Mining Co. ..... 409 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville....1001-8 Balboa Bldg.
Bonny Bruce....1339 Merchants Exch.
Bunker, William M....West Coast Life Bldg.
Crocker, Henry J....510 Kohl Bldg.
Cutting Packing Co....905 Kohl Bldg.
Dean, W. E....268 Market St.
Dieriex, A. C....307 Crocker Bldg.
Earl D. W....2621 Devisadero St.
Eldredge, Zoeth S....610 Wells Fargo Bldg.
Gray, G. F....Alaska Commercial Bldg.
Greenewald, O. H....3739 Clay St.
Howard, H. Z....3462 19th St.
Lemon, Arthur....404 Merchants Exchange.
Lester, Herrick & Herrick....Alaska Commercial Bldg.
Lilienthal, E. R....268 Market St.
Lindsey, M. G....405 First Nat. Bk. Bldg.
Loveland, H. D....Room 426, No. 35 Montgomery St.
Maybeck, B. R....235 Montgomery St.
McDougall, C. C....519 California St.
McLaren, Goode & Co....345 Pine St.
McLaughlin Co., The....454 California St.
Metcalfe, J....Lick Bldg.
Miller, J. R....C/o Berkeley Inn, Berkeley, Cal.
Ralston, A. J....Call Bldg.
Reid Bros....2501 Steiner St.
Smith, Arthur A....2555 Larkin St.
Sperry, Geo. B....8 Pine St.
Tillmann, F., Jr....Alaska Commercial Bldg.
Ward, Clarence....Merchants Exchange.
Wheeler, Wm. R....

MUSIC DEALERS.

Sherman, Clay & Co....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau)....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin")....767 Market St.
De Young, Charles, San Francisco "Chronicle"....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle")....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker"....451 Montgomery St.

OILS.

Associated Oil Co....728 Wells Fargo Bldg.
Morshead, Stanley W....255 Kohl Bldg.
Sesnon Oil Company....928 Monadnock Bldg.
Standard Oil Co....461 Market St.
Union Oil Co. of California....201 Mills Bldg.
Valvoline Oil Co....440 Brannan St.

OPTICIANS.

California Optical Co....181 Post St.

ORNAMENTAL IRON AND BRONZE.

Rudgear-Merle Co....Bay, Stockton & N. Point

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co....816 Mission St.
Clinch, C. G. & Co....144 Davis St.
Fuller, W. P. & Co....Beale & Mission Sts.
Paraffine Paint Company, The....34 First St.
Whittier, W. F....301 Howard St.

PAPER.

Blake, Moffitt & Towne....45 First St.
California Paper & Board Mills....310 California St.
Everett Pulp & Paper Company....244 California St.
Fleishhacker, A. & Co....134 Fremont St.
Pacific Coast Paper Co....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co....Alaska Commercial Bldg.
Williar, H. B....260 California St.
Zellerbach Paper Co....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co....134 Fremont St.

PAVING.

City Street Improvement Co....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California....444 Market St.

PLATING WORKS.

S. F. Plating Works, E. G. Denniston, Proprietor....1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company....2nd and Brannan Sts.
Dalziel, Moller Co....543 Mission St.
Lally Company....First & Folsom Sts.
Tay, George H. Co....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey....522 Sacramento St

POWDER.

Du Pont de Nemours Powder Co., E. I....Chronicle Bldg.
The Giant Powder Co., Con....202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company....Shreve Bldg.
Mack, Adolph, President City Electric Co....350 Mills Bldg.
Martin, John, President Coast Counties Light & Power Co....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation....519 California St.
San Francisco Gas & Electric Co....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company....251 Bush St.
Neal, George F. (Neal Publishing Co.)....66 Fremont St.
Pacific Manifolding Book Co....268 Market St.
Shannon-Conmy Printing Co....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co....36-48 Spear St.
Hilmer, Fred L. Company....SW cor Davis & Sacramento Sts.
Isleton Butter Company....53-57 California St.
Levy, Schweitzer & Co....136 Fifth St
Miller & Lux, Inc....1314 Merchants Exch.
Roth, Blum & Co....24 California St.
Swift & Co....Davis & Pacific Sts.
South San Francisco Packing & Provision Co....407-13 Front St.
Western Meat Co....6th & Townsend Sts.
Willita & Patterson....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co....71 First St.
Orenstein-Arthur-Koppel Co....419 Chronicle Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co....160 Sutter St.
Boyd, John F....255 California St.
Harrigan, Weidenmuller & Rosenstirn....8 Kearny St.
Hecht Investment Co....706 Kohl Bldg.
Hechtman, A. J....508 Kohl Bldg.
Hihn, F. A....Santa Cruz, Cal.
Holmes Investment Co., The....68 Post St.
Hooker, Robert G....Hooker & Lent Bldg
Lent, George H....Hooker & Lent Bldg.
Lyon & Hoag....636 Market St.
Magee, Thomas & Sons....5 Montgomery St.
McGaw, John & Co....232 Montgomery St
Mann, Clarence M....282 Bush St
Martin, Peter D....First Natl. Bank Bldg.
Martin, Walter S....702 Call Bldg
Parkside Realty Co. of San Francisco....409 Crocker Bldg.
Shainwald, Buckbee & Co....27 Montgomery St
Sheldon, Willard M....324 Crocker Bldg
Speck, John H....229 Montgomery St.
Umbsen, G. H. & Co....20 Montgomery St.
Wooster, C. M....702 Market St.
Wright, J. W. & Company....Mills Bldg

RICE.

Brown, A. A. Co....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co....9 Beale St.
Goodyear Rubber Co....573-589 Market St.
Gorham Rubber Co....50 Fremont St

SALT.

Barton, Wm. F., President Union Salt Co....46 Sacramento St.
California Salt Co....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc....157-161 Main St.
California Saw Works....721 Brannan St.

SCALES.

Fairbanks, Morse & Co....158 First St.

SEEDS.

Morse, C. C. & Co....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co....1460 Market St

SHIP BROKERS.

Page Brothers....310 California St

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works....Main & Howard Sts.
Union Iron Works Co....20th & Michigan Sts.
United Engineering Works....254 Spear St.
Vulcan Iron Works....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis....34-36 Stewart St.
Hendry, C. J. Company....46 Clay St
Sellers & Madison Company....94 Market St.

SHIPSMITHS.

Chrestoffersen & Tway....420 Beale St

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co.....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....464 California St.
Chapman, J. F. & Co.....110 Market St.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc.....255 California St.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D.....110 Market St.
Gutte, I. (A Corporation).....214 Front St.
Hackfeld, H. & Co., Ltd.....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, G. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The.....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Mailliard & Schmiedell.....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....442 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros.....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc.....244 California St.
Perkins, Geo. C.....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spohn, John H. Co.....49 Main St.
Spreckels, John D.....90 Clay St.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.
Williams, Dimond & Co.....Alaska Commercial Bldg.

SILKS (Wholesale)

Clayburgh Brothers.....25-27 Sansome St.
Hart, B. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co.....444 Market St.

SPORTING GOODS.

Golcher Bros.....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....541 Market St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co.....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson.....6th & Townsend Sts.
Mangrum & Otter.....561-563 Mission St.
Montague, W. W.....573 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co.....268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company.....254 California St.
Hawaiian Commercial & Sugar Company.....406 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co.....268 Market St
Thomas, H. W., Secy. Hakalau Plantation Co.....408 Postal Tel. Bldg.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Coast Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company.....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co.....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co.....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TERRA COTTA AND POTTERY.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works.....Mills Bldg.

TIN PLATE.

Williams, I. B., Repreaentative American Tin Plate Co.....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Trust Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman.....325-335 Davis St.
Schoenfeld, D. M.....516-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co.....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry.....Mills Bldg.
Alaska Pacific Steamahip Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha.....Metrop. Bk. Bldg.
Bissell, Wm. R., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Buck, Walter E., Manager Associated Transportation Co.....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Ebey, Harold H., Kosmos Line.....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co.....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads.....85 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry.....1st National Bank Bldg.
Samuels, Frederick S.....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.
Tonopah & Tidewater Co.....255 Monadnock Bldg.

TRUNKS AND TRAVELING BAGS.

Maim, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros.....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co.....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse.....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co.....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co.....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Bissinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave

PUBLIC LIBRARY

Chamber of Commerce Journal.

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VOL. 1 SAN FRANCISCO, CALIFORNIA, OCTOBER, 1911 No. 7

GREAT HEADWAY MARKS CANAL PROGRESS

The news has reached this city, through official sources, that the concrete work on the Gatun locks in the Panama Canal is more than two-thirds completed; that the work is about to begin on the north guide wall at the Miraflores locks; and that a depth of 20 feet of water has been secured at the Atlantic entrance to the Canal, and that the Atlantic entrance has been extended, with full width, as far inland as the old French canal, a distance of five and one-half miles. These facts, in connection with the information about the Gatun works, contained in the September number of the CHAMBER OF COMMERCE JOURNAL, are of prime commercial interest in this city and also in all other large seaports in the world.

Concrete laying at Gatun locks was begun on August 24, 1909, and on August 24, 1911, there had been placed 1,548,790 cubic yards, leaving to be placed 451,210 cubic yards. An average of 2,183 cubic yards was laid per working day during the period from August 24, 1909, to August 24, 1910, and an average of 2,911 cubic yards per working day during the period from August 24, 1910, to August 24, 1911.

The concrete work in the Spillway of Gatun Dam is over 68 per cent completed, more than 152,764 cubic yards, out of a total of 225,000, having been placed. The amount of concrete placed each month will decrease steadily from this time forth, because the floor in all three locks is completed, and the second plant, which was largely engaged on the floor work, cannot be used to full capacity much longer. The walls in the upper and middle locks are practically completed, and the placing of concrete in large quantities is now confined to the lower locks, the walls of which are rapidly nearing completion. Three of the duplex cableways are working over the lower locks. The fourth has been withdrawn from concrete laying to handle iron and back fill at the upper locks. The distribution of concrete yet to be placed will be about as follows:

	Cu. Yds.
Upper lock and forebay, including flare walls	16,926
Middle lock	32,897
Lower lock, including side flare walls and exclusive of center approach wall	326,035
Upper guide wall, center	32,766
Lower guide wall, center	42,586
Total	451,210

The armoring of the west breakwater at Colon is in progress. The breakwater trestle has been extended something more than 6,400 feet into the bay from the shore line. The hydraulic fill of the city of Colon was completed August 4th. More than 800,000 cubic yards of material have been deposited in this fill. The work on the fill was begun in November, 1910.

Concerning further operations at the Atlantic entrance to the Canal it is reported officially that within a few hundred yards of the dredges, near the French canal, two steam shovels are working in the pit at Mindi, excavating in the dry a quantity of rock and earth that still remains before the channel through the Mindi hills will be completed. One of the shovels is taking out the last of the soft earth at the north end of the pit, and when this work is completed, the greatest difficulty will be past. The other shovel is taking out rock at the north end. All the rock has been blasted. The material is hauled to Gatun, where it is needed in the back fill at the locks. The work here will be finished in about six months. Between the place where the dredges are working and the pit in which the shovels are digging, there are about 400,000 cubic yards of material to be excavated, mostly rock. No work is being done on this section because removing material from it might cause a slide in the barrier that has been thrown up between the French canal and the steam shovel pit.

Bids will be advertised for the following materials and equipment for the hydro-electric generating plant at the Spillway in Gatun Dam: Three water turbines, 2250 kilowatts each; 3 governors; 3 headgates; 3 penstocks; 3 compressed air regulators; 3 electric generators; 3 exciters; 2 motor-driven exciter sets; 1 lubricating system; 1 20-ton traveling crane. The switchboard, cable control, and electric fixtures will be advertised for later. The equipment is for the generating station that will furnish current for power to operate the gates, valves, and other machinery of the locks, the regulating works of the spillways of Gatun and Miraflores dams, and will furnish light for the same, as well as light and power along the Canal. Two proposals will be requested, one for a plant to be installed in the center of the Dam at the Spillway, and the other below the Dam at the Spillway. Water for both plants will be taken from Gatun Lake at the Spillway.

The native town, known as Old Balboa, near the Pacific entrance to the Canal, will soon have entirely disappeared, the site being required for dock improvements. All the leases of building lots in the settlement, made by the Canal Commission, have been cancelled, and the work of tearing down and removing the buildings has begun.

Work on the second of the docks at the Atlantic terminus of the Canal has been begun, and requisition has been made to the Washington office for materials to be used in this dock, and dock No. 16, already in process of construction. Plans have been approved for the construction of dock No. 17. This dock will be 1000 feet long and 155 feet wide, instead of 150 feet as originally suggested. Pictorial representation of the Atlantic terminal dock system has already been published in this Journal, together with matter showing the accommodations for shipping,

STEAMSHIP LINE TO AUSTRALIA.

President William Matson of the Chamber of Commerce of San Francisco, under date of September 18th, in behalf of the Chamber, has addressed a letter to John D. Spreckels, president of the Oceanic Steamship Company, in reference to the revival of the steamship service between San Francisco and Australasia, the text of which is as follows:

"Dear Sir:—The announcement of your intention to revive the steamship line between San Francisco and Australasia is extremely gratifying to the beneficiaries of over sea commerce.

"The withdrawal of the Oceanic steamers from the Australian route was a serious loss to this port. The Oceanic Steamship Company caused over two thousand five hundred travelers to pass through the city en route to or from Australasia and the annual local disbursements of the company exceeded a million dollars. The presence of the travelers meant more than the expenditure of money. These travelers stimulated local progress by broadening the people with whom they came in contact and our people also netted the countless advantages of social attrition. The travelers saw our unique scenery and our boundless resources and carried away impressions of practical value to the entire city.

"Under the circumstances the revival of the Oceanic Steamship Line is abundant cause for congratulation, not forgetting, of course, that the line will materially aid the Panama-Pacific International Exposition. Kindly accept the compliments and good wishes of the Chamber of Commerce of San Francisco.

"Yours very truly,

"Wm. Matson, President."

MEETING TO DISCUSS CANAL TOLLS.

A meeting of great importance to the Pacific Coast has been called by President Matson of the Chamber of Commerce of San Francisco. The purpose of the gathering is to discuss the subject of Panama Canal tolls. Chambers of Commerce in the Pacific Coast States and Pacific Coast congressional delegations are invited to be present. President Matson's communication is as follows:

"Gentlemen:—In an address to the trustees of the Chamber of Commerce of San Francisco, yesterday, Honorable Joseph R. Knowland, M. C., urged the necessity of united Pacific Coast action with respect to Panama Canal tolls.

"The question of fixing these tolls will be considered in a very short time by the Senate Interoceanic Canal Committee and the House Committee on Interstate Commerce. As the legislation will relate to revenue, action will doubtless be initiated by the House. With this idea in view, the House Committee on Interstate Commerce, of which Mr. Knowland is a member, will meet in the Canal Zone in December next for the purpose of discussing the question in all its phases.

"I have the honor to notify you that to determine the views of the Pacific Coast regarding Canal tolls, a meeting has been called for Monday, October 2d, 1911, at 2 p. m., in the rooms of the Chamber of Commerce of San Francisco, 1337 Merchants' Exchange Building, in order to bring together not only delegates from the Chambers of Commerce of the Coast States, but also the Senators and Congressmen representing those States in Washington, D. C. As the Pacific Coast has the largest economic and popular interest in the Canal, the importance of discussing the Canal issue and agreeing on a guiding policy cannot be questioned.

"Trusting you will cordially co-operate in this essential undertaking and send to this Chamber the names of your delegates, I remain, Yours very truly,

"William Matson, President."

In view of the interest all over the Pacific Coast in connection with matters relating to the Panama Canal, this will probably be a large and strongly representative conference, and the great subject will be fully discussed.

ATLANTIC AND PACIFIC TRANSPORTATION CO.

A meeting of San Francisco business men, called by authority of the trustees of the Chamber of Commerce of San Francisco, was held in the Assembly Hall of the Chamber on September 18, for the purpose of listening to an address by Barnard N. Baker of Baltimore, Md., in reference to the operations of the Atlantic and Pacific Transport Company. William Matson, president of the Chamber of Commerce of San Francisco, presided.

Mr. Baker spoke at some length. He said that the Atlantic and Pacific Transportation Company was organized so that the Government of the United States might have at least one bid for the carriage of its mails via the Panama Canal route, that was not connected with the railroads in any way. The company agreed to build fifteen steamships of 6,000 gross registered tons capacity, of a sustained speed of sixteen knots per hour, and otherwise to comply with the conditions of the Act of March 3, 1891, to provide for ocean mail service between the United States and foreign ports. The design for these steamers would be submitted to the War and Navy departments for their approval, and the construction of these steamers would be such as to meet the requirements of the Government in the event of a sudden call for their services.

Mr. Baker also said that the charter provided for the corporation to conform to all the Governmental regulations. The line would have great possibilities in the carriage of both freight and passengers and would help to build up the commerce of the Pacific Coast. He desired the co-operation of the business men of the Pacific Coast but was not insistent that any one on this coast should take a financial interest in it.

William R. Wheeler of the Traffic Bureau of the Merchants' Exchange submitted some figures relating to the recent movements of freights via Panama as follows: In 1909, 46,000 tons of freight were transported via Panama; in the fiscal year 1910 this had increased to 79,000, and in 1911 to 211,000 tons. Eastbound freight in 1909 amounted to 8,000 tons; in 1911 to 143,000 tons. The Pacific Mail, the sole carrier for the Panama route for a long time, carried a total tonnage of 36,000 tons in 1908; in 1909, 79,658. In 1911, the fiscal year of course, with competition of the Bates & Chesebrough line, the Pacific Mail carried a total tonnage of 85,500.

TRADE OF THE SOCIETY ISLANDS.

Consul North Winship writes from Tahiti that the foreign trade of French Oceania was more active in 1910 than ever before, the exports and imports amounting to $2,256,298, whereas in 1909 they were $1,865,223. The imports for 1909 amounted to $890,295 and the exports to $974,928, while in 1910 the imports were $1,092,258 and the exports $1,164,040.

In the last six years the value of the imports and exports of the colony has doubled. This constant development is due, first, to the natural growth of the colony; second, to the steady increase of the island products and great advances in their price; third, to the education of the natives, who are demanding better homes, imported food, and clothing; fourth, to the importing of machinery, equipment, and merchandise by the French Phosphate Co.; fifth, to the installation, by the Union Steamship Co. of a line running two vessels from Wellington to San Francisco, via Tahiti and return; and sixth, to the approaching completion of the Panama Canal.

GOVERNMENTAL PROMOTION OF COMMERCE.

What the Bureau of Manufactures is doing for the development of trade and manufacture and the work of various other branches of the Government along related lines are discussed in a pamphlet which has just been issued by the Bureau of Manufactures. Copies of the pamphlet, entitled "Promotion of Commerce," may be procured by application to the Bureau of Manufactures.

ATTENDANCE AT BRUSSELS' EXPOSITION

John Ball Osborne, Honorary Commissioner General of the United States, reports that the Brussels Exposition of 1910, which was open from April 23d to November 7th, was visited by approximately 13,000,000 persons. The exposition grounds, which were in the new quarter of the Avenue Louise, adjoining the Bois de la Cambre, covered an area of about 225 acres. The buildings, including those destroyed by fire, had a total floor space of 2,278,650 square feet, of which 1,617,382 square feet were contained in the three principal halls, viz.: Industrial Hall, 1,227,083 square feet; Machinery Hall, 286,320 square feet; Railway Hall, 103,979 square feet. Twenty-four foreign countries participated in the exposition. The eight countries occupying the larger amounts of floor space were as follows: Belgium, 847,946 square feet; France and French colonies, 544,691; Germany, 260,489; Great Britain and Ireland, 226,567; Italy, 125,939; Netherlands, 54,573; United States, 38,750; Canada, 30,139.

GAINS IN LIVERPOOL SHIPPING.

According to the annual return of the Mersey Docks and Harbor Board for the year ended June 20, 1911, the number of vessels using the port of Liverpool amounted to 25,377 of 17,600,888 tons, compared with 24,961 vessels of 16,654,971 tons, during the previous year. There was again a falling off in the number of sailing vessels. The sailing vessels engaged in the foreign trade last year were 139 vessels of 107,225 tons, compared with 175 vessels of 147,751 tons in the year 1909-10. The coastwise sailing vessels numbered 2,003 and their tonnage 151,442, as compared with 2,125 vessels of 164,319 tons, in 1909. These include vessels paying dock tonnage and harbor rates. An all-round increase is shown in steam vessels. Dealing with vessels paying dock tonnage rates only, the figures given are: To or from foreign ports, 4,100 vessels, of 11,341,884 tons, an increase of 252 vessels and 728,312 tons; and coastwise, 9,984 vessels of 2,129,874 tons, an increase of 25 vessels and 16,825 tons.

PREPARING FOR GREATER COMMERCE.

Hunter Sharp, American Consul at Belfast, Ireland, reports that the construction by the Belfast Harbor Board of the new graving dock, the largest structure of its kind in the world, commenced in 1903, has necessitated the carrying out of subsidiary works of considerable extent, comprising the making of a traveling caisson for closing the entrance to the dock; the construction of engines and pumping machinery for emptying the same; erecting buildings in connection with the latter plant; and a number of capacious hydraulic sluices, engines and pumps for supplying the water power.

A good deal of important work had to be undertaken by the board in consequence of the construction of the two large ships, the Olympic and its sister ship, the Titanic. It became necessary to dredge the Victoria Channel for a distance of about four miles to a depth of about thirty feet below ordinary low-water level. Furthermore, to afford increased facilities for shipbuilding purposes, about 72 acres of ground are being reclaimed.

TRACKLESS TRAMS TRIED IN ENGLAND.

Consul Augustus E. Ingram, Bradford, England, reports that on June 20th an experimental trackless trolley-car route was formally opened in Bradford and one also in Leeds. As these are the first examples of railless tram routes in the United Kingdom, the experiment will be watched with interest by other municipalities. It is anticipated that the low capital expenditure, which is 20 per cent less than that of a tramway system, will enable many districts not served at present to obtain an efficient service for passenger and freight traffic at a moderate cost.

NEW ZEALAND MINERAL OIL.

Vice-Consul General Henry D. Baker, on special service in New Zealand, writes: "There is much interest in the possibility of important developments in New Zealand as regards its presumably large resources of petroleum and of iron ore.

"On the western coast of the North Island of New Zealand, in the vicinity of Mount Egmont and close by the sea at New Plymouth, there has been for many years more or less attention paid to promising indications of mineral oil, but until recently attempts to bore for the oil have not met with much success, the wells apparently not being sunk to a sufficient depth to get the oil. Lately, however, three bores sunk by one company to depth of about 2,500 feet have resulted in a fair flow of oil being obtained, and also a strong pressure of natural gas has been revealed. From these bores about 20 barrels of oil a day are now being obtained, this oil being shipped in a crude state to Auckland and Wellington, where it is used in the local gas works.

"The New Zealand Government some time ago offered a bonus of six cents a gallon on the first 500,000 gallons of mineral oil produced in the Dominion, and the company operating at New Plymouth has just claimed and been allowed one-half of this bonus, amounting to $15,000 for the first 250,000 gallons produced. The attention of English capitalists has been drawn to the district, and it is now reported that a sale of the property owned by this company to an English syndicate has been effected and that a new company will shortly be formed, improved machinery purchased for boring operations, and a refinery erected. It is also proposed to utilize the natural gas for power purposes.

"The oil appears to be rich in materials valuable as by-products."

CENSUS RETURNS OF CHINA.

William J. Calhoun, American minister to China, sends the Department of State a report prepared by Raymond P. Tenney, a student interpreter at Peking, on the results of a census of the Chinese Empire which was completed in January by the Chinese Board of Interior. This census places the population of the entire Empire at 329,542,000 and that of China proper at 304,003,000. The population of the city of Peking is returned as 1,017,209 and of the metropolitan district outside of Peking (neither of which is included in the census for China proper) as 4,654,219. The population of Manchuria is given as 14,917,000.

These figures may not, however, be considered more than approximative, as no attempt was made to count the number of individuals throughout the Empire and the general enumeration was limited to a toll of households. On the returns of this latter count the estimate of the number of individuals is based. It was found that the number of families in the whole Empire in 1910 was 59,824,918, distributed as follows:

China proper (18 provinces)	56,312,256
Metropolitan district (Shun T'ien Fu, including Peking)	831,266
Manchuria (Fengtien, Kirin, and Heilungchiang)	1,780,308
Hsinchiang (the northwest province)	453,477
Manchu military organization	309,151
Dependencies (exclusive of Tibet)	138,460

COMMERCIAL STATISTICS FROM AUSTRALIA.

Consul General John P. Bray, Sydney, Australia, writes as follows: "The principal articles of export from Sydney for the first five months of 1911 have been as follows: Wool, 351,713 bales; copper, 619,020 ingots; frozen mutton, 413,260 carcasses; rabbits, 1,766,729 pairs; horns, 398,723; butter, 134,107 boxes; wheat, 1,863,983 centals (100 pounds); timber, 7,168,703 superficial feet; gold, coined and uncoined, $4,231,489; silver, 237,431 ounces."

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SAN FRANCISCO, CALIFORNIA, OCTOBER, 1911

FLOUR AND WHEAT TRADE OF JAPAN.

Lovett M. Wood, commercial agent of the United States, who is traveling through the Orient to gain commercial information of value to the United States, has written a review of conditions in Japan in relation to the interests of the Pacific Coast of the United States, from which extracts are taken as below. The general importance of the subject is obvious. In part Mr. Wood writes as follows:

"While Japan's imports of wheat flour and wheat in 1910 showed remarkable gains over 1909, and this applies particularly to shipments from the United States, the general desire of the people is that the Government's efforts may be successful in these as in other lines of production and manufacture, and that the increased culture of wheat and milling of flour may result, in the immediate future, in rendering it unnecessary to import flour, although for some time yet American wheat is expected to be required in increasing amounts to supply Korea and some China markets that will not be satisfied with flours made of strictly Japanese, Chinese or Manchurian wheats.

"In 1910 Japan imported 201,703 barrels of wheat flour from all countries, valued at $866,140, and of this amount the United States furnished 186,992 barrels, valued at $803,925. Japan's imports of flour in 1909 were 170,791 barrels, valued at $712,706, of which the United States supplied 152,298 barrels, valued at $635,518. The imports of flour for the first five months of 1911 amounted to $424,185, against $266,721 for the same period of 1910. The average annual purchase of flour by Japan for the past 10 years has been about $836,500. Imports during the first five months of 1911 exceeded the decade average for that period by over $75,000. The fact that shipments of Pacific Coast flours to Japan in 1910 showed an increase of $168,407 over 1909, coupled with the increase during the current year, would incline one to believe that the announced intention of Japan to develop domestic production so as to be independent of foreign supplies will not materialize so soon as anticipated. There are phases of this question that have more particularly to do with wheat, which will be considered under that heading. It should be borne in mind that rice reached a record high price in July, because this fact has an important bearing on the wheat and flour trade.

"To date the flour situation has not been discouraging. What the Pacific Coast mills can do toward meeting the production and prices of Japanese mills; the advance in customs duty, effective July 17, from 72.21 to 92.13 cents per 100 kin (132.27 pounds); the possibility of the rice and wheat crops of Japan being seriously injured or destroyed by floods and bad weather, are among the factors to be considered, but I am inclined to think that there will still be a demand for American flour in Japan, and certainly in Korea and some parts of China with which Japan is increasing its trade relations. Much, of course, depends upon wheat prices in the United States as well as the wheat production of Japan, China, and Manchuria. Australia's trade will depend upon all of these, its shipments last year being $18,561 against $10,548 in 1909.

"While the advanced duty on flour is expected to curtail Pacific Coast exports to Japan, a large part of American exports (including flour) are not entered for consumption in Japan and are transshipped at Kobe, Moji, and other ports for Darien, Antung, and Korea. Such shipments will not be much affected by the new tariff, especially some established brands which have characteristics that cannot be substituted by the Japanese flour. Such brands at least should continue to have an increasing demand in the markets mentioned."

The following table shows the imports of flour into Japan, by countries, in 1909 and 1910:

Countries	1909	1910		
		Pounds	Value	
United States	$635,518	36,650,562	$803,925	
Canada	57,023	1,825,855	37,228	
Australia	10,548	804,863	18,561	
Dutch India	.....	244,964	6,225	
China	8,579	6,746	130	
All other	1,038	3,306	71	
Total	$712,706	39,536,296	$866,140	

The value of the imports at the several ports in 1910 was as follows: Yokohama, $443,324; Kobe, $227,160; Nagasaki, $8,954; Moji, $102,586; other ports, $84,116. In 1909 the imports were distributed as follows: Yokohama, $469,379; Kobe, $102,051; Nagasaki, $16,591; Moji, $72,859; other ports, $51,826. There are 14 modern wheat-flour mills in Japan.

CONCERNS PACIFIC COAST FISHERIES.

A ten-year concession has been granted by the Mexican Government to a company, giving the right to establish fisheries of shrimps, lobsters, turtles, cuttlefish, oysters, and all scale fish in territorial waters of the Republic between the mouth of the Colorado River and the port of Guaymas (but excluding both places) on the Gulf of California, along the Sonora coast of Mexico.

The company is given the exclusive right not only to exploit the oyster beds already located along the coast, but may also plant and cultivate oyster beds in such places as it may see fit, except that it shall allow the poor fishermen of the coast to continue their oyster fishing under the present established regulations and shall not conduct its operations where there are pearl fisheries.

The company must establish within two years from May 30, 1911, a factory in Guaymas, Sonora, for the canning and preservation of sea foods, and within six months from beginning operations the company must establish at least one retail store in each of the cities of Hermosillo, Nogales, and Mexico City, which are to be supplied with the products of the company.

In these and any other stores which the company shall establish it obligates itself to sell fresh fish at a maximum of 6 cents and smoked fish at 9 cents per pound. At least 25 per cent of the wares exposed for sale in these stores shall consist of the products of the canning factory to be established at Guaymas and which are to be sold at not over 60 per cent of the price at which similar foreign products are sold in these places.

SHIPMENTS OF MERCHANDISE ABROAD.

The value of all shipments of domestic and foreign merchandise from San Francisco by sea to foreign countries, the Atlantic States and non-contiguous territory, for each month of four years is shown as follows:

Exports	1910	1909	1908	1907
January	$ 4,462,808	$ 4,636,826	$ 4,048,383	$ 4,246,233
February	3,793,621	3,256,623	3,333,045	3,481,740
March	4,085,969	4,220,706	3,337,730	4,324,937
April	5,509,442	4,967,070	3,620,568	3,959,266
May	4,085,520	4,129,021	2,895,023	3,638,444
June	4,215,720	4,895,631	3,136,303	3,808,770
July	3,721,415	3,980,259	2,859,474	3,583,762
August	4,757,139	4,152,030	4,070,464	3,131,335
September	6,268,582	6,410,356	3,716,355	3,268,347
October	8,589,758	6,312,345	8,016,440	4,776,337
November	8,814,921	5,794,077	5,016,485	3,714,784
December	6,703,623	4,466,652	4,413,891	4,637,835
Totals	$65,008,518	$57,221,596	$48,464,161	$46,571,790

The monthly total values of all imports of foreign merchandise at San Francisco by sea, for four years, are shown as follows:

Imports	1910	1909	1908	1907
January	$4,367,843	$ 4,134,725	$3,660,060	$ 4,821,076
February	4,405,872	4,703,695	3,352,012	5,410,399
March	3,755,295	4,403,846	3,514,657	3,809,027
April	4,789,396	3,819,192	2,359,004	6,229,058
May	4,791,387	4,284,684	3,900,863	4,452,275
June	2,970,363	5,830,068	4,796,600	2,818,090
July	4,290,928	4,036,583	2,346,702	5,428,117
August	5,113,398	4,078,387	4,793,465	4,456,010
September	3,800,749	3,907,853	4,314,940	4,506,396
October	4,417,701	4,143,942	3,971,935	4,533,789
November	3,632,960	4,317,411	4,477,500	3,716,516
December	4,333,543	3,808,637	3,215,459	4,026,252
Totals	$50,669,435	$51,469,023	$44,403,197	$54,207,011

The aggregate ocean commerce of the port of San Francisco, exclusive of coastwise trade, during four years, is as follows:

	1910	1909	1908	1907
Exports	$ 65,008,518	$ 57,221,596	$48,464,161	$ 46,571,790
Imports	50,669,435	51,469,023	44,403,197	54,207,011
Total trade	$115,677,953	$108,690,619	$92,867,358	$100,778,801

MERCHANT MARINE OF GREAT BRITAIN.

So dominant is the position of the merchant marine of Great Britain that one-third of the ships met on the high seas carry the English flag. The merchant marine of the several countries at the close of 1910 was as follows:

Countries—	Steam Vessels. Number.	Steam Vessels. Gross Tons.	Sailing Vessels. Number.	Sailing Vessels. Net Tons.
United Kingdom	8,460	16,767,683	975	748,796
British colonies	1,377	1,291,354	701	204,461
Germany	1,822	3,959,318	356	373,868
United States (seagoing, including Philippines)	1,149	1,680,245	1,714	1,121,814
France	875	1,448,172	590	434,108
Norway	1,312	1,422,006	753	592,527
Japan	846	1,146,977	5	2,245

To the tonnage of the United States must be added that of vessels trading on the Great Lakes of North America, which consisted of 563 steam vessels of 2,146,769 gross tons and 43 sailing vessels of 109,850 net tons. However, of a total foreign shipping trade of 39,705,858 net tons cleared from ports in the United States in 1910, only 8,808,603 net tons were carried in American steam and sailing vessels. The world's shipping consists of about 30,058 steamers and sailing vessels, with an aggregate tonnage of 41,914,765.—*From U. S. Consular and Trade Reports.*

Vice Consul General Henry D. Baker, on special service in New Zealand, reports that the Marine Department of New Zealand has just granted concessions to a Norwegian whaling company to make use of one or more ports in the Auckland Islands, Stewart Island, Chatham, and Bay of Islands.

MOVEMENT OF CHAMPAGNES FIGURED.

Consul William Bardel at Rheims reports as follows: "The quantity of wine on hand in the champagne district and the total movement of champagne for the last six years, as well as the export of champagne wine from the district to the United States during the same periods of time, are shown in the following table (years are ended March 31):

Year.	Total sales. Quart bottles.	Sales to United States. Quart bottles.	Stock on hand at end of year. Gallons.
1905-6	35,591,135	4,525,872	37,414,478
1906-7	33,171,395	4,406,580	39,830,417
1907-8	33,734,618	3,724,584	39,902,943
1908-9	32,705,338	3,661,812	37,010,455
1909-10	39,294,526	5,420,316	34,172,053
1910-11	38,584,402	1,951,944	28,626,729

"The heavy falling off in the export of champagne wine to the United States during the last year is attributable more to speculation than to any other cause. In the eagerness to supply themselves with champagne prior to the advance in the tariff rates of 1909, the American importers laid in stocks of which large quantities were still on hand last year, and which, for a time, prevented further importations. The fact that since April 1, 1911, the sale of champagne to the United States amounts to 323,916 bottles, as against 142,920 bottles sold during the same period last year, indicates that the champagne trade is about to resume its normal course."

REPORTS ON IMPORTED MERCHANDISE.

The Bureau of Statistics of the Department of Commerce and Labor announces the publication of its third quarterly report showing the imported merchandise entered for consumption in the United States. This report shows, for each of the three quarters of the past fiscal year, namely, those ending September 30 and December 31, 1910, and March 31, 1911, the entries at the custom houses of merchandise for immediate consumption and withdrawals from warehouse for consumption, the rates of duty on the same, and amounts of duty collected. The information is given by articles in the greatest possible detail. It also contains separate statements showing the imports for consumption of articles from the Philippine Islands made free under section 5, Act of August 5, 1909, and of dutiable articles imported from Cuba, Italy, Netherlands, Portugal, and Spain, and entered for consumption under reciprocity treaties, with rates of duty and amounts of duty collected on the same. These quarterly reports are published especially for the use of importers and are distributed gratis.

PHILIPPINE GOVERNMENT EXHIBITS IN JAVA.

The Government of the Philippines exhibited at the Fiber Congress at Soerabaya held during July, 1911. Exhibits were as follows:

1. Samples of Philippine raw fiber as follows: Manila hemp, Philippine maguey, sisal, banana, pineapple, sansevieria, and others.
2. Miniature bales representing commercial grades of manila hemp as shipped from the islands.
3. Various samples of native cloth manufactured from Philippine fibers.
4. Hat fibers in different stages of preparation.
5. The samples of Philippine hats, both commercial and for use by the natives.
6. Philippine mats with fiber from which they are manufactured.
7. Samples of portable hand implements used by the natives in the preparation of manila hemp and hat fibers.
8. Collection of photographs representing the different fiber industries of the Philippines.

A fiber expert was appointed by the Philippine Government to visit Soerabaya and take charge of the exhibits.

BANKING FACTS RELATING TO STATE

Inquiries are continually made in other countries, according to advices from Consular officers who have written to the Chamber of Commerce of San Francisco, for condensed information relating to San Francisco. Such information is found in the publications of the Chamber and, in view of the inquiry, and also considering the necessity for the giving of data abroad for the benefit of the Panama-Pacific International Exposition to be held in San Francisco in 1915, extracts are made from the latest annual report of this Chamber. That publication includes statements that are valuable.

The first inquiry in other places may, naturally enough, refer to the financial standing of San Francisco. Various sets of statistics may be used to illustrate that phase of this city's very favorable conditions and the following table is germane, which shows the volume of San Francisco's bank clearings, in comparison with the clearings of all other Pacific and far western cities, where clearing houses are established, for three completed years:

Cities	1910	1909	1908
San Francisco	$2,323,772,871	$1,979,872,250	$1,757,151,850
Los Angeles	811,377,487	673,165,729	505,588,756
Seattle	590,093,365	586,696,855	429,499,252
Portland	517,171,868	391,029,061	310,656,514
Salt Lake City	327,968,175	337,493,363	257,033,974
Tacoma	276,156,100	280,878,801	218,113,771
Spokane	241,052,859	206,504,834	307,791,482
Helena	46,996,848	47,964,183	41,300,978
Fargo	44,072,793	40,583,110	30,894,939
Sioux Falls	50,944,895	35,878,893	29,251,108
Denver	493,046,623	466,450,933	409,996,642
Colorado Springs	37,013,827	35,500,692	33,593,494
Oakland	157,480,689	96,520,998	76,499,911
San Jose	27,828,979	25,592,841	23,246,315
Sacramento	70,870,997	54,512,723	44,014,126
San Diego	67,173,976	52,276,425	37,665,853
Fresno	37,930,473	29,108,946	20,568,154
Stockton	32,342,840	29,195,022	24,179,908
North Yakima	24,593,632	19,166,405	9,617,348
Billings	8,586,769	10,981,350	9,765,559
Pasadena	40,570,319	.....	.....
Boise City	43,153,249	.....	.....
Reno	14,132,454	.....	.....
Totals	$6,284,332,088	$5,399,373,734	$4,576,429,934

The position of San Francisco, with reference to bank clearings, among the leading cities of the United States during the same three years, is shown as follows:

Cities	1910	1909	1908
New York	$97,274,500,093	$103,588,738,321	$79,275,880,256
Chicago	13,939,689,984	13,781,843,612	11,853,814,943
Boston	8,299,320,162	8,440,382,263	7,338,035,825
Philadelphia	7,689,664,085	7,021,756,889	5,937,754,106
St. Louis	3,727,949,379	3,442,439,002	3,074,806,759
Pittsburg	2,587,325,785	2,361,076,457	2,064,632,960
San Francisco	2,323,772,871	1,979,872,570	1,757,151,850
Baltimore	1,626,676,299	1,469,673,172	1,240,904,390
Cincinnati	1,251,797,050	1,348,031,450	1,230,180,300
Kansas City	2,634,557,738	2,395,530,983	1,847,511,624
New Orleans	987,491,235	904,231,769	786,067,353
Cleveland	1,000,857,953	876,816,091	749,846,710

San Francisco Savings Banks.

Detailed statements of the condition and affairs of the savings banks in San Francisco on January 7, 1911, were as follows:

RESOURCES

Loans on real estate	$100,887,866.27
Other loans, including overdrafts	4,530,362.47
Bonds and other securities	54,162,432.31
Bank premises, furniture, fixtures and safe deposit vaults	6,543,914.58
Other real estate owned	1,481,835.41
Due from banks	5,682,791.66
Specie	2,974,017.38
Other lawful money	337,058.58
Exchanges for Clearing House	81,668.22
Checks and cash items	72,383.83
Other assets	102,262.83
Totals	$176,856,593.54

LIABILITIES

Capital	$ 4,910,000.00
Surplus	8,404,281.41
Undivided profits	928,407.74
Bills payable, including certificates of deposits for money borrowed	.....
Due to banks	52,457.60
Individual deposits	162,353,933.62
State, county and municipal deposits	150,000.00
Other liabilities	57,513.17
Totals	$176,856,593.54

National Banks.

The condition of the national banks in San Francisco on January 7, 1911, was as follows:

RESOURCES

Loans and discounts	$102,648,700.70
Overdrafts	259,221.87
U. S. bonds for circulation	19,674,000.00
U. S. bonds to secure deposits	481,000.00
U. S. bonds on hand	422,000.00
Premium on U. S. bonds	332,568.97
Stocks, securities, claims, etc	14,423,302.12
Banking houses and fixtures	4,592,843.91
Other real estate and mortgages	901,774.61
Due from other national banks	10,728,201.14
Due from states banks	22,764,700.81
Due from reserve agents	11,473,293.36
Checks and other cash items	291,734.44
Exchanges for clearing house	3,222,292.78
Bills of national banks	449,473.00
Fractional currency	18,901.14
Specie	17,924,185.82
Legal tender notes	79,039.00
Five per cent redemption fund	983,700.00
Total resources	$211,670,933.67

LIABILITIES

Capital paid in	$ 27,750,000.00
Surplus fund	15,857,250.00
Undivided profits	5,734,892.19
Notes in circulation	19,638,340.00
Due to national banks	15,381,270.82
Due state banks	28,883,344.86
Due to trust companies	14,447,050.61
Due to reserve agents	1,176.99
Dividends unpaid	141,164.75
Individual deposits	83,218,852.18
United States deposits	543,235.35
Reserved for taxes	49,124.78
Other liabilities	25,231.11
Total liabilities	$211,670,933.67

San Francisco Trust Companies.

The condition of the trust companies in San Francisco on January 11, 1911, was as follows:

RESOURCES

Loans on real estate	$ 468,262.90
Other loans, including overdrafts	442,652.08
Bonds and other securities	950,029.25
Bank premises, furniture, fixtures and safe deposit vaults	1,446,000.00
Other real estate owned	102,603.03
Due from banks	2,153,974.75
Specie	32,310.28
Other lawful money	46,938.33
Exchanges for clearing house	.....
Checks and cash items	12,115.81
Other assets	35,156.61
Total	$ 5,690,043.04

LIABILITIES

Capital	$ 2,525,000.00
Surplus	530,000.00
Undivided profits	19,855.52
Individual deposits	1,758,658.52
Other liabilities	856,529.00
Total	$ 5,690,043.04

State Commercial Banks.

The condition of all the commercial banks in California, on January 7, 1911, was as follows:

RESOURCES

Loans on real estate	$ 19,273,971.97
Other loans, including overdrafts	92,641,071.09
Bonds and other securities	22,357,204.71
Bank premises, furniture, fixtures and safe deposit vaults	7,485,172.19
Other real estate owned	2,065,703.03
Due from banks	32,456,034.02
Specie	11,269,378.03
Other lawful money	1,945,709.91
Exchanges for clearing house	1,573,673.01
Checks and cash items	836,023.00
Other assets	716,359.86
Total	$192,620,300.82

LIABILITIES

Capital	$ 32,013,691.15
Surplus	9,656,469.05
Undivided profits	5,334,885.48
Bills payable, including certificates of deposit or money borrowed	2,485,995.60
Due to banks	10,456,494.88
Individual deposits	123,081,901.31
State, county and municipal deposits	8,161,446.07
Other liabilities	1,429,417.28
Total	$192,620,300.82

Banking in California.

The detailed aggregate condition of all the savings, commercial and trust and private banks in California (national banks excepted) under the supervision of the Superintendent of Banks, was as follows on January 7, 1911:

RESOURCES

Loans on real estate	$254,130,671.07
Other loans, including overdrafts	110,581,649.33
Bonds and other securities	109,546,978.06
Bank premises, furniture, fixtures and safe deposit vaults	22,745,099.19
Other real estate owned	4,650,624.47
Due from banks	56,811,099.56
Specie	19,403,523.72
Other lawful money	3,693,528.88
Exchanges for Clearing House	2,039,231.84
Checks and cash items	1,083,699.93
Other assets	1,111,923.68
Total	$586,101,030.03

LIABILITIES

Capital	$ 56,930,292.17
Surplus	23,932,451.71
Undivided profits	8,990,818.12
Bills payable, including certificates of deposit for money borrowed	2,678,355.97
Due to banks	10,703,075.89
Individual deposits	467,919,240.45
State, county and municipal deposits	12,227,734.96
Other liabilities	2,719,060.76
Total	$586,101,030.03

Consul John F. Jewell, of Melbourne, reports that according to official statistics as to the last wheat harvest in South Australia, the yield shows a decrease of 789,111 bushels, as compared with the 1909-10 season, the return being 24,344,740 bushels.

CLASSIFIED LIST OF MEMBERS OF THE CHAMBER OF COMMERCE

Members are requested to examine this list, with reference to names and addresses, and to report any inaccuracies to the Secretary. They are also requested to inform the Secretary of any change that may take place in the name of their firms and of changes in business locations.

ADVERTISING.

Fisher, L. P., Advertising Agency — 733 Merchants Exchange.
Green, J. Chas. Company — Stevenson & 14th Sts.

ASBESTOS.

Magnesia-Asbestos Supply Co — 530 Howard St.

ASSAYERS' MATERIAL.

Braun, Knecht, Heimann Co — 576-584 Mission St.

AUCTIONEERS.

Spear, E. S. & Co — 874 Monadnock Bldg.

AUTOMOBILES AND AUTO SUPPLIES.

Chanslor & Lyon Motor Supply Co., Inc — 501-509 Golden Gate Ave.
Hawkins, C. A. (Gen'l Manager, The White Co.) — 1460 Market St.
Leavitt, J. W. & Co — 301 Golden Gate Ave.
Pioneer Automobile Co — 515 Van Ness Ave.
The Pierce Arrow Sales Company — 330-340 Van Ness Ave.

BABBITT METALS AND GALVANIZING.

Finn, John, Metal Works — 384 Second St.

BAGS.

Ames Harris-Neville Co — 100 Potrero Ave.
Bemis Bros. Bag Co — Sansome & Vallejo Sts.
Plummer, W. A. — 37 Front St.
Moore, Ferguson & Co. — 244 California St.

BANKS AND BANKERS.

The American National Bank of San Francisco — Merchants Exch. Bldg.
The Bank of California (National Association) — 400 California St.
The Anglo-California Trust Co — 16th & Mission Sts.
The Anglo & London Paris National Bank — NW cor Sutter & Sansome.
The Bank of British North America — 264 California St.
Bank of Italy — 552 Montgomery St.
Bishop, Charles R., Vice-President, Bank of California — 325 Clunie Bldg.
Canadian Bank of Commerce — SE cor California & Sansome Sts.
Canton Bank — 653 Kearny St.
Crocker National Bank — Crocker Bldg.
Donohoe, Joseph A., President, The Donohoe-Kelley Banking Co — 100 Montgomery St.
First National Bank of San Francisco — NW cor Post & Montgomery Sts.
French-American Bank — 108 Sutter St.
Fujihara Junzo, Manager, The Yokohama Specie Bank, Ltd. — 415 Sansome St.
German Savings & Loan Society — 526 California St.
Halsey, N. W. & Co. (Bankers and Brokers) — 424 California St.
Harries, W. H. (Agent Hongkong & Shanghai Banking Corporation) — 411 Montgomery St.
Hellman, I. W., Jr. (Vice-President and Manager Union Trust Co. of San Francisco) — 2 Montgomery St.
Humboldt Savings Bank — 783 Market St.
International Banking Corporation — 200 Montgomery St.
Italian-American Bank — 460 Montgomery St.
Kelly, James R., President The Hibernia Savings and Loan Society — Junction Market, Jones, and McAllister Sts.
Marine Trust & Savings Bank — 100 Market St.
McNear Geo. P. — Petaluma, Cal.
Mercantile National Bank of San Francisco — 464 California St.
Meyer, Daniel, Banker — 244 Pine St.
The Mission Bank — 16th and Mission Sts.
Phelan, James D., President Mutual Savings Bank — Phelan Bldg.
Portuguese American Bank — SW cor Clay & Front Sts.
San Francisco Savings Union — NW cor California and Montgomery Sts.
Seaboard National Bank of San Francisco — 101 Market St.
Security Savings Bank — 316 Montgomery St.
Sutro, Chas., Banker and Broker — 412 Montgomery St.
Wells Fargo-Nevada National Bank — 4 Montgomery St.
Western Metropolis National Bank — Market & New Montgmy.

BASKETS.

Weston Basket & Barrel Co — 2nd & Federal Sts.

BEANS (SEE GRAIN AND BEANS.)

BELTING.

Cook, H. N. Belting Co — 317-319 Howard St.
Bosworth, E. E., Manager Graton & Knight Mfg. Co. — 30-32 Fremont St.
Degen, L. P. Belting Co — 260 Mission St.
Pacific Coast Rubber Co — 416-22 Mission St.

BOAT BUILDERS.

Twigg & Sons, John — 18th & Illinois Sts.

BOILER WORKS.

Keystone Boiler Works — Main & Folsom.

BOLTS.

Payne's Bolt Works — 133 Howard St.

BOOT AND SHOE FACTORIES.

Cahn, Nickelsburg & Co — 557 Mission St.
Buckingham & Hecht — SW cor 2nd & Mission.
Nolan-Earl Shoe Co — 727-29 Mission St.
Williams-Marvin Co. — 25 Battery St.

BORAX.

Smith, F. M., President Pacific Coast Borax Co — Albany Block, Oakland.

BOX FACTORIES.

Pac. Box Factory, Inc — Beach nr. Taylor St.

BRASS GOODS.
Garratt, W. T. & Co.....299 Fremont St.

BREWERIES.
Nunan, Matthew.....1241-67 Howard St.
San Francisco Breweries, Ltd.....240 Second St.
Union Brewing & Malting Co.....18th & Florida Sts.
Wilson Distilling Co. .....203 California St.

BRICK AND TERRA COTTA.
Carquinez (The) Brick & Tile Co.....259 Russ Bldg.
Clark, N. & Sons.....19 Spear St.
Gladding, McBean & Co.....811 Crocker Bldg.
Steiger Terra Cotta and Pottery Wks.....Mills Bldg.

BROKERS, CUSTOMS HOUSE.
Bunker, C. D. & Co.....544 Sansome St.
Mayhew, F. E. & Co.....510 Battery St.
Swayne, Hoyt & Co.....412-14 Battery St.
St. John, Chauncey M.....510 Battery St.

BROKERS, STOCK AND BOND.
Adams, James H. & Co.....300 Sansome St.
Barth, J. & Co.....480 California St.
Brown, Walker, Simmons Co.....612 Crocker Bldg.
Houseworth, F. A. .....515 Chronicle Bldg.
Manheim, Dibbern & Co. .....453 Montgomery St.
Pollitz, Edward & Co.....419 California St.
Raiss, Carl .....310 Sansome St.
Rollins, E. H. & Sons.....1st National Bank Bldg.
Samuels, H. G. (Manager, Logan & Bryan).....433 California St.
Wilson, J. C.....Mills Bldg.

BUILDING AND LOAN ASSOCIATIONS.
Continental Building & Loan Association.....Junction Market, Golden Gate and Taylor.

BUILDING MATERIALS.
Waterhouse & Price Company.....69 Third St.

BUTTER AND EGGS (SEE PROVISIONS.)

CABLE (UNDERGROUND.)
Saurman, A. B., Pacific Coast Manager Standard Underground Cable Co.....1st National Bank Bldg.

CAN MANUFACTURERS.
American Can Company.....1001 Mills Bldg.

CANDY MANUFACTURERS.
Rhine, Henry & Co.....Davis & Commercial Sts.

CANNED GOODS.
Armsby, J. K. Co.....527 Howard St.
California Canneries Company.....600 Minnesota St.
California Fruit Canners' Association.....120 Market St.
Getz Bros. & Co. .....530 Davis St.
Golden State Asparagus Co.....16 California St.
Griffith-Durney Co.....1 Drumm St.
Hunt Bros. Co.....112 Market St.
Long Syrup Refining Co.....15th & Harrison Sts.

CAPITALISTS.
Borel, Ant. & Co.....440 Montgomery St.
Brenner, Gustave.....2286 Jackson St.
Coleman, Edward .....1701 Franklin St.
De Sabla, Eugene J.....Alaska Commercial Bldg.
Eastland, Joseph L. (Consul for Venezuela).....1304 Merchants Exch.
Eastland, Thomas B.....1304 Merchants Exch.
Flood, James L. .....208 Flood Bldg.
Foster, A. W.....1210 Flood Bldg.
Greenebaum, M.....740 Mission St.
Hopkins, E. W.....354 Pine St.
Kohl, C. Frederick.....Kohl Bldg.
Law, Herbert E.....500 Monadnock Bldg.
McCreery, Andrew B.....221 Sansome St.
Williams, Hon. A. P.....Fairmont Hotel.
Whitney, J. Parker.....133 Geary St.
Whittell, George.....166 Geary St.
Worden, Clinton E.....1207 1st Nat'l Bank Bldg.
Wright, Cyrus S. .....2198 Geary St.

CARPETS (SEE FURNITURE.)

CASTINGS (MALLEABLE).
Pacific Foundry Co. .....18th & Harrison Sts.

CEMENT (SEE LIME.)

CIGARS (WHOLESALE)
Blaskower, M.....201 Montgomery St.
Boskowitz, Frank.....63 California St.
Ehrman Bros. & Co.....134 Front St.
M. A. Gunst & Co.....201 California St.
Whitaker, G. W. (The John Bollman Co.).....331 Battery St.
Wolf, Edward Company.....161-7 California St.

CHEMICALS (SEE DRUGS.)

CHOCOLATE AND COCOA.
Ghirardelli Co., D.....940 North Point St.

CLAY PRODUCTS.
Gladding, McBean & Co.....311 Crocker Bldg.

CLOTHIERS.
Roos Bros. .....Market at Stockton St.

CLOTHING MANUFACTURERS.
Eloesser-Heynemann Co.....77-87 Battery St.

COAL (WHOLESALE.)
R. Dunsmuir's Sons Co.....340 Steuart St.
Pacific Coast Coal Co.....340 Steuart St.
Smellie, Wm.....Russ Bldg.
Smith, James B. (Western Fuel Co.).....430 California St.
Stafford, W. G. & Co.....234 Steuart St.
Western Fuel Co.....430 California St.
Moore, J. J. & Co.....226 Pine St.

CODFISH.
Alaska Codfish Co. .....10 Main St.
Union Fish Co. .....40 Clay St.

COFFEE, TEAS AND SPICES.
Brandenstein, M. J. & Co.....126 Mission St.
Caswell, Geo. W. Co. .....630 Folsom St.
Folger, J. A. & Co.....Howard & Spear Sts.
Hills Bros. .....175 Fremont St.
Jones, Paddock Co.....228-230 Fremont St.
Schilling, A. & Co.....2nd & Folsom Sts.
Siegfried, J. C. & Co.....268 Market St.
Tyler, S. H. & Son.....147 Sacramento St.

COMMISSION MERCHANTS.
Everding, J. & Co.....80-82 Clay St.
Galli, A., Fruit Co. .....292 Washington St.
Garcia & Maggini Co.....302 Drumm St.
Hammer & Co.....310 Clay St.
Jacobs, Malcolm & Burtt, Inc.....255 Drumm St.

COMMISSION (SEE SHIPPING.)

CONCRETE.
Ransome Concrete Co.....57 Post St.

CONTRACTORS.
Chadwick & Sykes, Inc. .....418 Crocker Bldg.
Church, D. O. .....500 Hampshire St.
City Street Improvement Co.....Merchants Exchange.
Healy-Tibbitts Construction Co.....9 Main St.
Hicks, Lewis A. Company.....662 Humboldt Bk. Bldg.
Mahony Brothers.....Crocker Bldg.
Malley, Edward.....1384 McAllister.
San Francisco Bridge Co.....865 Monadnock Bldg.
Thomson Bridge Co.....103 Main St.
Whitley, Henry A. .....456 Mills Bldg.

COOPERAGE.
California Barrel Co.....22nd & Illinois Sts.
Koster, John A. (California Barrel Co.).....22nd & Illinois Sts.
Weston Basket & Barrel Co.....3rd & Berry Sts.

CORDAGE.
Tubbs Cordage Co. .....Kohl Bldg.

CORNICE WORKS.
Forderer Cornice Works.....269 Potrero Ave.

COTTON MILLS.
California Cotton Mills Co.....310 California St.

CRACKERS.
Standard Biscuit Co.....NE cor Pacific & Sansome.
Parker, Frederick C. (American & Pacific Coast Biscuit Co.) .....815 Battery St.

CREAMERIES.
Isleton Butter Company.....53-57 California St.

CROCKERY AND GLASSWARE.
Schloss, Ben.....17 Beale St.
Nathan-Dohrmann Company.....SW cor Geary & Stockton

DAIRIES.
Columbia Dairy (Col. Geo. H. Pippy).....231 Franklin St.

DESKS (SEE FURNITURE.)

DOORS.
California Door Co., The.....43-49 Main St.

DRAYING.
McNab & Smith.....40 Davis St.
Overland Freight Transfer Co.....35 Second St.

DRIED FRUITS.
Armsby, J. K. Co. .....627 Howard St.
California Fruit Canners' Association.....120 Market St.
Castle Brothers.....149 California St.
Griffin & Skelley Co.....16 California St.
Guggenhime & Co.....100 California St.
Inderrieden, J. B. Co.....112 Market St.
Madison & Bonner.....112 Market St.
Phoenix Packing Co.....16 California St.
Rosenberg Bros. & Co.....168 California St.

DRUGS AND CHEMICALS.
Braun, Knecht, Heimann Co.....575 Mission St.
Coffin-Redington Co. .....35 Second St.
General Chemical Co. of California .....657 Mills Bldg.
Langley & Michaels Co.....60-60 First St.
Eli, Lilly & Co.....50 First St.
Serwe & Prien Co.....515 Market St.
Scott & Gilbert Co.....46 Ecker St.

DRY GOODS AND DEPARTMENT STORES.

The Emporium.....Market, near 4th St.
Grant, Joseph D. (Murphy, Grant & Co.).....100 Sansome St.
Hale Bros., Inc.....979-987 Market St.
Magnin, I. & Co., Inc.....Grant Ave. & Geary St.
Raphael, Weill & Co., Inc. (The White House).....Sutter St. & Grant Ave.
D. Samuels Lace House.....Stockton & O'Farrell.

DRY GOODS (WHOLESALE.)

Dinkelspell, Samuel.....26 Battery St.
Moore, Watson Dry Goods Co.....SW cor Bush & Sansome

ELECTRICAL SUPPLIES.

Addison, Thos. (General Electric Co.).....Union Trust Bldg.
Briggs, W. W. (District Manager Westinghouse Electric and Mfg. Co.).....165 Second St.
Brooks, Follis Electric Corporation.....44 Second St.
Electric Appliance Co.....726 Mission St.
Electric Ry. & Mfg. Supply Co.....84 Second St.
Pierson, Roeding Co.....405 Monadnock Bldg.
Standard Electrical Construction Co.....633 Howard St.
Thompson Beach.....1024 Merch. Exch. Bldg.
Western Electric Company.....680 Folsom St.

ELEVATORS.

Otis Elevator Co.....Stockton, Beach & North Point Sts.
Van Emon Elevator Co.....46-54 Natoma St.

ENGINEERS AND POWER PLANT BUILDERS.

Howard C. Holmes (Consulting Engineer).....112 Market St.
Moore, Chas. C. & Co., Engineers.....99 First St.
Moore & Scott Iron Works.....Main & Howard Sts.
United Engineering Works.....224 Spear St.

ENGINES (GAS AND GASOLINE.)

Fairbanks, Morse & Co.....158 First St.
Union Gas Engine Co.....503 Mission St.

ESTATES.

Conlisk, Charles W. (Hotaling Estate).....1134 Merchants Exch.
Crocker Estate Company.....625 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....704 West Coast Life Bldg.
Estate of Geo. W. Hooper.....112 Market St.

EXPANDED METAL.

Backus, Samuel W., President Western Expanded Metal & Fireproofing Co.....333 Kearny St.

EXPORTERS.

Havre, J. B.....1018 Kohl Bldg.
Williar, H. R. (Paper).....1205 Chronicle Bldg.

EXPRESS.

Wells Fargo & Co's Express.....85 Second St.

FILING DEVICES.

Yawman & Erbe Mfg. Co.....712 Mission St.

FINANCIAL AGENTS.

Borden, I. L.....417 Montgomery St.

FIREWORKS.

Newton's California Fireworks Co.....249 Front St.

FISH.

Alaska Codfish Co.....10 Main St.
Alaska Packers' Association.....85 Second St.
Getz Bros. & Co.....530 Davis St.
Griffith-Durney Co. (Salmon).....1 Drumm St.
The Morgan Oyster Co.....614 Third St.
North Alaska Salmon Co.....110 Market St.
Union Fish Co.....40 Clay St.

FLOUR.

American Milling Co.....165 Erie St.
Globe Grain & Milling Co.....Chestnut & Montgomery.
Hutton, C. A. & Co., Inc.....Front & Vallejo Sts.
Pacific Cereal Association.....Bay, nr. Taylor St.
Sperry Flour Co.....343 Sansome St.

FOUNDRIES.

Pacific Foundry Co.....18th & Harrison Sts.

FRUITS, FRESH.

Galli, A., Fruit Co.....Front & Washington Sts.
Garcia & Maggini Co.....302 Drumm St.
Scatena, L. & Company.....104 Washington St.

FURNISHING GOODS (WHOLESALE.)

Cluett, Peabody & Co.....812 Howard St.
Hoffman, Rothchild & Co.....516 Market St.
Neustadter Bros.....461 Mission St.
Greenebaum, Weil & Michels.....740 Mission St.
Strauss, Levi & Co.....Pine & Battery Sts.

FURNITURE, DESKS, CARPETS.

Fredericks, Jos. & Co.....Post & Stockton Sts.
Rucker-Fuller Desk Co.....738 Mission St.
Sloane, W. & J.....216 Sutter St.
Walter, Isaac N. (D. N. & E. Walter Co.).....NE cor O'Farrell and Stockton Sts.

FURS.

Liebes, H. & Co.....177 Post St.

GAS REGULATORS.

Gas Consumers' Association.....467 O'Farrell St.

GAS AND ELECTRIC FIXTURES.

Day, Thos. Co.....725 Mission St.

GAS AND ELECTRIC COMPANIES.

San Francisco Gas & Electric Co.....451 Sutter St.
Mack, Adolph, President City Electric Co.....350 Mills Bldg.

GLASS.

Illinois-Pacific Glass Co.....15th & Folsom Sts.
Pacific Coast Glass Works.....7th & Irwin Sts.

GLOVE IMPORTERS.

Steinberger & Kalisher.....25 Kearny St.

GLUE.

Challenge Glue Co.....2644 Howard St.

GRAIN AND BEANS.

Armsby, J. K. Co.....627 Howard St.
Barnard & Bunker.....149 California St.

GRAIN AND SUGAR.

Western Grain & Sugar Products Co.....110 Sutter St.

GROCERS (WHOLESALE.)

Getz Bros. & Co.....530-42 Davis St.
Goldberg, Bowen & Co., Inc.....242 Sutter St.
Haas Bros.....NE cor Sacramento & Davis Sts.
Levaggi, Granucci & Co.....412 Front St.
Newbauer, J. H. & Co.....SE cor Pacific & Davis.
Rothschild, John & Company.....Market & Spear Sts.
Tillmann, Frederick, Pres. Tillmann & Bendel.....8 Pine St.
Sussman, Wormser & Co.....140 Spear St.
Wellman, Peck & Co.....311 East St.

HARDWARE (WHOLESALE.)

Brown, Chas. & Sons.....Market near 5th St.
Dunham, Carrigan & Hayden Co.....140 Kansas St.
Hamilton, Alexander (Baker & Hamilton).....465 Brannan St.
Holt Bros. Co.....914-24 Folsom St.
Marshall-Newell Supply Co.....142-144 Steuart St.
Marwedel, C. W.....76 First St.
Pacific Hardware & Steel Co.....7th & Townsend Sts.
Pacific Tool & Supply Co.....400 Mission St.

HAT MANUFACTURERS.

O'Rourke, Enbanks Hat Company.....785-787 Mission St.

HATTERS.

Fisher & Co., Inc.....127 Kearny St.

HAY AND GRAIN.

Moore, Ferguson & Co.....690 Commercial St.
Scott, Magner & Miller, Inc.....40 California St.
Somers & Company.....37 California St.

HIDES.

Kauffman, Davidson, Semmel, Inc.....137 Clay St.

HOPS AND MALT.

Bauer, Schweitzer Hop & Malt Co.....660-62 Sacramento St.
Horst E. Clemens.....150 Pine St.

HOTELS.

Crocker, Charles T. (President Crocker Hotel Co.).....Shreve Bldg.
Palace Hotel (John C. Kirkpatrick).....Market & New Montgomery.
San Francisco Hotel Co.....Hotel St. Francis.
Stewart, Chas. A.....Hotel Stewart.

ICE AND COLD STORAGE.

Lehmann, Christian (National Ice Co.).....3573 Twentieth St.
Martin, Joseph (National Ice & Cold Storage Co.).....268 Market St.
Ohlandt, N. (President National Ice & Cold Storage Co.).....268 Market St.

IMPORTERS AND EXPORTERS.

American Mercantile Co.....514 Battery St.
American Trading Co. (Pacific Coast).....244 California St.
Chapman, Wilfrid B.....Kohl Bldg.
De Fremery & Co.....426 Battery St.
Dieckmann & Co.....244 California St.
Getz Bros. & Co.....530 Davis St.
Girvin & Eyre.....518 Merchants Exchange.
Hammer & Co.....230 Clay St.
Havre, J. B.....1019 Kohl Bldg.
Kutner, Goldstein Co.....714 Merchants Exchange.
Lastreto & Co.....260 California St.
Levaggi Co.....339 Clay St.
Lund, Henry & Co.....Marine Bldg.
Macondray & Co.....149 California St.
Maldonado & Co.....49 California St.
Meyer, Wilson & Co.....602 Alaska Com. Bldg.
Mitsui & Co.....340 Merchants Exchange.
Otis, McAllister & Co.....310 California St.
Orient Trade Co.....244 California St.
Parrott & Co.....320 California St.
M. Phillips & Co.....9 Main St.
Schwartz Bros.....Union Trust Bldg.
Sherwood & Sherwood.....41-47 Beale St.
Tetzen, Ch. & Co., Inc.....818 Battery St.

INK.

California Ink Co. ..... 33 Clementina St.

INSURANCE.

Boole, Fred W. & Co. ..... 540 Merchants Exchange.
California Insurance Co. ..... 550 Sacramento St.
Christensen & Goodwin ..... 241 Sansome St.
Connecticut Fire Ins. Co. ..... Alaska Commercial Bldg.
Crocker, Henry J., President West Coast Life Ins. Co. ..... 354 Pine St.
Davis, J. B. F. & Son ..... 507 Montgomery St.
Duncan & Rehfisch ..... 340 Sansome St.
Dutton, Wm. J., President Fireman's Fund Ins. Co. ..... 401 California St.
Dye, Clarkson ..... 649 Kearny St.
Frank, Marshal A. Co., The ..... 416 Montgomery St.
Hathaway, W. L. ..... 222 Sansome St.
Herold, Rudolph, Jr. ..... 114 Russ Bldg.
Insurance Company of North America ..... 343 Sansome St.
Johnson & Higgins ..... 244 California St.
Kilgarif & Beaver, Managers Pacific Mutual Life Insurance Co. ..... Shreve Bldg.
Levison, J. B. (Fireman's Fund Ins. Co.) ..... 401 California St.
Livingston, Smith & Co. ..... 244 California St.
Liverpool & London & Globe Ins. Co. ..... 444 California St.
London Assurance Corporation ..... 160 Sansome St.
Manheim, Dibbern & Co. ..... 433 Montgomery St.
New Zealand Ins. Co., Ltd. ..... 334 California St.
Pacific Coast Casualty Co. ..... 426 Merchants Exchange.
Pacific Surety Co. ..... 1st National Bank Bldg.
Rosenthal, Louis ..... 302 California St.
Scott, George B. ..... Pine & Stockton Sts.
Tyson, Geo. H. ..... 542-548 Sacramento St.
Watt, Rolla V., Manager Royal and Queen Insurance Companies ..... Royal Insurance Bldg.
West Coast Life Ins. Co. ..... 354 Pine St.
James Wyper, Manager London & Lancashire Fire Insurance Co. ..... 571 Sacramento St.

INVESTMENTS.

Jennings, Rufus P. ..... Merchants Exch. Bldg.
Russell, Alexander ..... 1301 Metropolis Bldg.

IRON AND STEEL.

Berger & Carter Co. ..... 17th & Mississippi Sts.
Judson Manufacturing Co. ..... 819-823 Folsom St.
Woods & Huddart ..... 355 Market St.

IRON WORKS.

Cyclops Iron Works ..... 223-225 Main St.
Dyer Brothers, Golden West Iron Works ..... 17th & Kansas Sts.
Rudgear-Merle Co. ..... Bay, Stockton & North Point Sts.
Union Iron Works Co. ..... 311 California St.

JEWELERS, GOLD AND SILVERSMITHS.

California Jewelry Co. ..... 704 Market St.
Carrau & Green ..... 112 Kearny St.
Hall, A. I. & Son, Inc. ..... 150 Post St.
Nordman Brothers ..... 150 Post St.
Shreve & Co. ..... Post St. & Grant Ave.
Schussler M. & Co. Inc. ..... 704 Market St.

KNITTED GOODS.

Gantner & Mattern ..... S. E. cor. Post & Grant Ave.

LAMPS.

Boesch Lamp Co. ..... 1135 Mission St.

LARD (SEE PROVISIONS.)

LEATHER AND HIDES.

Bissinger & Co. ..... Front & Jackson Sts.
Frank, S. H. & Co. ..... 416-422 Battery St.
Kron Tanning Co. ..... 121 Clay St.
Patrick, A. B. Company ..... Fairfax Avenue.
Sumner, Frank W. ..... 220 Townsend St.
Wagner Leather Co. ..... 343 Front St.

LIME AND CEMENT.

Buck, John A., Jr. (Western Lime & Cement Co.) ..... 268 Market St.
Cameron, Geo. T. (Santa Cruz Portland Cement Co. ..... Crocker Bldg.
Pacific Portland Cement Co. ..... 821 Pacific Bldg.

LIQUORS AND WINES.

California Wine Association ..... 180 Townsend St.
The F. Chevalier Company ..... 246 Mission St.
Ciocca, Lombardi Wine Co. ..... 547-551 Chestnut St.
Chauche & Bon, Mont Rouge Wines ..... 319 Battery St.
Fargo, E. A. Co. ..... Davis & Commercial Sts.
Gibb, J. W. ..... 1844 Geary St.
Hellmann Bros. & Co. ..... 16 California St.
Italian-Swiss Colony ..... Battery & Greenwich.
Jacobi, J. J. ..... 706 Sansome St.
Jesse Moore Hunt Co. ..... 195-99 Second St.
Kunz, Henry (Charles Meinecke & Co.) ..... 314 Sacramento St.
Livingston & Co. ..... 3443-45 Seventeenth St.
Lyons, E. G. (The) and Raas Co. ..... 535 Folsom St.
Naber, Alfs & Brune ..... 825 Mission St.
Pascal, Dubedat & Co. ..... 36 California St.
Rosenblatt Co., The ..... 300-332 Second St.
Roth & Co. ..... 115 Front St.
Schmidt, Charles F. & Peters, Cliquot Champagne ..... Merchants Exch. Bldg.
Shawhan, W. D. ..... 1844 Geary St.
Siebe Bros. & Plagemann ..... 430-432 Battery St.
Sroufe, John & Co. ..... 41 Drumm St.
Taussig, Louis & Co. ..... Main & Mission Sts.
Vignier Aml, Inc. ..... 505 Battery St.
Wetmore, Bowen Co. ..... 42-44 Davis St.
Wichman, Lutgen & Company, Inc. ..... 431-39 Clay St.
Wilmerding, Loewe Company ..... 51-53 Main St.

LITHOGRAPHERS.

Britton & Rey ..... 522 Sacramento St.
Hubbard, B. S. (President Union Litho. Co.) ..... 741 Harrison St.
Schmidt Lithograph Co. ..... Second & Bryant Sts.

LUMBER.

Acme Lumber Co. ..... 1012 Crocker Bldg.
Adams, W. J. Estate Co. ..... 310 California St.
Albers Bros. Milling Co. ..... 141 Sansome St
Allen & Higgins Lumber Co. ..... Spear & Howard Sts.
Baxter, J. H. ..... 735 Merchants Exchange.
Carey, F. W. & Co. ..... 112 Market St.
Carman, A. S. ..... Selby, Contra Costa Co., Cal.
Chesebrough, H. C. (Tacoma Mill Co.) ..... 401 Alaska Com. Bldg.
Conolley, E. D. (President Spring Valley Lumber Co.) ..... 112 Market St.
Curtis, A. A. ..... 947 Monadnock Bldg.
Dodge, E. J. Co. ..... 15 California St.
Gardiner Mill Co. ..... 15 California St.
Grays Harbor Commercial Co. ..... Foot of Third St.
Hammond Lumber Co. ..... 904 Merchants Exchange.
Hanify, J. R. Co. ..... 24 Market St.
Hart-Wood Lumber Co. ..... 304 Berry St.
Hooper, C. A. & Co. ..... 916 Balboa Bldg.
Hooper, Geo. W. ..... 1st Natl. Bank Bldg.
Hume, G. W. Company ..... 268 Market St.
Kentfield, E. E. ..... 318 Steuart St.
The Mendocino Lumber Co. ..... 1008 Crocker Bldg.
Moore, R. B. Mill & Lumber Co. ..... 557 Bryant St.
Mugan, Wm. G. ..... 724 Merchants Exchange.
National Lumber & Box Co. ..... 704 Fife Bldg.
The Charles Nelson Co. ..... 16 California St.
The Pacific Lumber Co. ..... 16 California St.
Plummer, W. P. ..... 611 Call Bldg.
Port Blakely Mill Co. ..... 16 California St.
Redwood Manufacturers Co. ..... Black Diamond, Cal.
Schouten, J. W. & Co. ..... 738 Bryant St.
Seymour & Elliot ..... 142 Townsend St.
Simpson, A. M. ..... 112 Market St.
Slade, S. E. ..... 112 Market St.
Standish-Hickey Timber Co. ..... Crocker Bldg.
Sudden & Christenson ..... 110 Market St.
Talbot, W. H. ..... Foot of Third St.
Thayer, I. E. ..... 112 Market St.
Union Lumber Co. ..... 1008 Crocker Bldg.
Van Arsdale-Harris Lumber Co. ..... 5th & Brannan Sts.
Wendling, G. X. ..... 1238 Flood Bldg.
White, L. E. Lumber Co. ..... 912 Balboa Bldg.
Wood, E. K. Lumber Co. ..... 112 Market St.

LUMBER (Hardwood).

Dieckmann & Co ..... 244 California St.
White Bros. ..... 5th & Brannan Sts.

MACHINERY.

Compressed Air Machinery Co., The ..... 553 Market St.
Dow, Geo. F. Pumping Engine Co. ..... 461 Market St.
Evans, C. H. & Co. ..... 183-187 Fremont St.
Golden State & Miners Iron Works ..... 231-57 First St.
Harron, Rickard & McCone ..... 461 Market St.
Marwedel, C. W. ..... 76 First St.
Meese & Gottfried Company ..... 55 Main St.
Moore, Chas. C. & Co., Engineers ..... 99 First St.
Moore & Scott Iron Works ..... Main & Howard Sts.
Muller, C. J. (Manager Allis, Chalmers Co.) ..... 160 Second St.
Murray Bros. ..... 231 Folsom St.
Troy Laundry Machinery Co., Ltd. ..... 581-583 Mission St.
Woodin & Little ..... 33-41 Fremont St.
Young, A. L. ..... 26 Fremont St.

MACHINE TOOLS AND SHOP SUPPLIES.

Marwedel, C. W. ..... 76 First St.
Stallman, Charles ..... 400 Mission St.

MANUFACTURERS' AGENTS.

Bernstein, S. L. ..... 154 Sutter St.
Cole, John R. Company ..... 766-770 Folsom St.
De Lamare, A. J. ..... 61 Main St.
The Geo. F. Eberhard Company ..... 360-62 Fremont St.
James-Force Company ..... 24 California St.
Keithley, E. A. ..... 1003 Metropolis Bldg.
Kelley-Clarke Co. ..... 112 Market St.
Morgan & Allen Co. ..... 150 Post St.
The Columbia Marble Co. ..... 268 Market St.

MATTRESSES.

The Bernhard Mattress Co. ..... 739 Mission St.

MEATS (SEE PROVISIONS.)

METALS.

Pacific Metal Works ..... 153-59 First St.
John Finn Metal Works ..... 384 Second St.

MINING.

Belshaw, C. M. ..... 1404 Humboldt Bk. Bldg.
Bradley, F. W. ..... 1023 Crocker Bldg.
Moore & Scott Iron Works ..... Main & Howard Sts.
Natomas Consolidated of California ..... 805 Alaska Com. Bldg.
Sultana Gold Mining Co. ..... 409 Crocker Bldg.

MISCELLANEOUS.

Bliss & Faville....1001-8 Balboa Bldg.
Bonny Bruce....
Bunker, William M....1339 Merchants Exch.
Crocker, Henry J....West Coast Life Bldg.
Cutting Packing Co....510 Kohl Bldg.
Dean, W. E....905 Kohl Bldg.
Dieriex, A. C....268 Market St.
Earl D. W....307 Crocker Bldg.
Eldredge, Zoeth S....2621 Devisadero St.
Gray, G. F....610 Wells Fargo Bldg.
Greenewald, O. H....Alaska Commercial Bldg.
Howard, H. Z....3739 Clay St.
Lemon, Arthur....2462 19th St.
Lester, Herrick & Herrick....404 Merchants Exchange.
Lilienthal, E. R....Alaska Commercial Bldg.
Lindsey, M. G....268 Market St.
Loveland, H. D....405 First Nat. Bk. Bldg.
Maybeck, B. R....Room 426, No. 35 Montgomery St.
McDougall, C. C....235 Montgomery St.
McLaren, Goode & Co....519 California St.
McLaughlin Co., The....345 Pine St.
Metcalfe, J. ....454 California St.
Miller, J. R....Lick Bldg.
Ralston, A. J....C/o Berkeley Inn, Berkeley, Cal.
Reid Bros. ....Call Bldg.
Smith, Arthur A....2501 Steiner St.
Sperry, Geo. B....2555 Larkin St.
Tillmann, F., Jr....8 Pine St.
Ward, Clarence ....Alaska Commercial Bldg.
Wheeler, Wm. R....Merchants Exchange.

MUSIC DEALERS.

Sherman, Clay & Co....SW cor Sutter & Kearny

NEWSPAPERS AND PUBLICATIONS.

Allen, H. S. (San Francisco News Bureau)....88 First St.
"Call," The San Francisco, C. W. Hornick, General Manager ....3rd & Market Sts.
Crothers, R. A. (Proprietor The "Bulletin")....767 Market St.
De Young, Charles, San Francisco "Chronicle"....Chronicle Bldg.
De Young, M. H. (Proprietor S. F. "Chronicle")....Chronicle Bldg.
Edwards, Geo. P., Publisher "Coast Banker"....451 Montgomery St.

OILS.

Associated Oil Co....728 Wells Fargo Bldg.
Morshead, Stanley W....255 Kohl Bldg.
Sesnon Oil Company....928 Monadnock Bldg.
Standard Oil Co....461 Market St.
Union Oil Co. of California....201 Mills Bldg.
Valvoline Oil Co. ....440 Brannan St.

OPTICIANS.

California Optical Co. ....181 Post St.

ORNAMENTAL IRON AND BRONZE.

Rudgear-Merle Co. ....Bay, Stockton & N. Point

PACIFIC COAST PRODUCTS, DISTRIBUTORS OF.

Armsby, The J. K. Co....627 Howard St.

PAINTS, VARNISH AND GLASS.

Bass-Hueter Paint Co....816 Mission St.
Clinch, C. G. & Co....144 Davis St.
Fuller, W. P. & Co....Beale & Mission Sts.
Paraffine Paint Company, The....34 First St.
Whittier, W. F....301 Howard St.

PAPER.

Blake, Moffitt & Towne....45 First St.
California Paper & Board Mills....310 California St.
Everett Pulp & Paper Company....244 California St.
Fleishhacker, A. & Co....134 Fremont St.
Pacific Coast Paper Co. ....545 Mission St.
Schwabacher, Ludwig, General Manager Floriston Pulp & Paper Co. and Crown Columbia Pulp & Paper Co....Alaska Commercial Bldg.
Williar, H. R....260 California St.
Zellerbach Paper Co....Battery at Jackson.

PAPER BOXES.

Fleishhacker, A. & Co....134 Fremont St.

PAVING.

City Street Improvement Co....Merchants Exchange.

PIPE AND STEEL.

Western Pipe & Steel Co. of California ....444 Market St.

PLATING WORKS.

S. F. Plating Works, E. G. Denniston, Proprietor....1349-51 Mission St.

PLUMBING SUPPLIES.

Crane Company ....2nd and Brannan Sts.
Dalziel, Moller Co....543 Mission St.
Lally Company....First & Folsom Sts.
Tay, George H. Co....617 Mission St.

POST CARD PUBLISHERS.

Britton & Rey....522 Sacramento St

POWDER.

Du Pont de Nemours Powder Co., E. I....Chronicle Bldg.
The Giant Powder Co., Con....202-206 Kohl Bldg.

POWER AND LIGHT COMPANIES.

Great Western Power Company....Shreve Bldg.
Mack, Adolph, President City Electric Co....350 Mills Bldg.
Martin, John, President Coast Counties Light & Power Co....708 Alaska Com. Bldg.
Miller, C. O. G., President Pacific Lighting Corporation ....519 California St.
San Francisco Gas & Electric Co....445 Sutter St.

PRINTERS AND PUBLISHERS

Carlisle, A. & Company....251 Bush St.
Neal, George F. (Neal Publishing Co.)....66 Fremont St.
Pacific Manifolding Book Co....268 Market St.
Shannon-Conmy Printing Co....509 Sansome St.

PROVISIONS AND MEATS.

Dodge, Sweeney & Co....36-48 Spear St.
Hillmer, Fred L. Company....SW cor Davis & Sacramento Sts.
Isleton Butter Company....53-57 California St.
Levy, Schweitzer & Co. ....136 Fifth St.
Miller & Lux, Inc....1314 Merchants Exch.
Roth, Blum & Co....24 California St.
Swift & Co....Davis & Pacific Sts.
South San Francisco Packing & Provision Co....407-13 Front St.
Western Meat Co....6th & Townsend Sts.
Willits & Patterson....85 Sacramento St.

RADIATORS.

Noble, Harry W., American Radiator Co....Monadnock Bldg.

RAILWAY SUPPLIES.

Eccles & Smith Co....71 First St.
Orenstein-Arthur-Koppel Co....419 Chronicle Bldg.
Pierson-Roeding & Co. ....405 Monadnock Bldg.

REAL ESTATE DEALERS.

Aronson Realty Co....160 Sutter St.
Boyd, John F....255 California St.
Harrigan, Weidenmuller & Rosenstirn....8 Kearny St.
Hecht Investment Co....706 Kohl Bldg.
Hechtman, A. J....508 Kohl Bldg.
Hihn, F. A. ....Santa Cruz, Cal.
Holmes Investment Co., The....68 Post St.
Hooker, Robert G. ....Hooker & Lent Bldg.
Lent, George H....Hooker & Lent Bldg.
Lyon & Hoag ....636 Market St.
Magee, Thomas & Sons....5 Montgomery St.
McGaw, John & Co....232 Montgomery St.
Mann, Clarence M....282 Bush St.
Martin, Peter D....First Natl. Bank Bldg.
Martin, Walter S....702 Call Bldg.
Parkside Realty Co. of San Francisco....409 Crocker Bldg.
Shainwald, Buckbee & Co....27 Montgomery St.
Sheldon, Willard M....324 Crocker Bldg.
Speck, John H....229 Montgomery St.
Umbsen, G. H. & Co....20 Montgomery St.
Wooster, C. M....702 Market St.
Wright, J. W. & Company....Mills Bldg.

RICE.

Brown, A. A. Co....254 California St.

RUBBER GOODS.

American Rubber Mfg. Co....9 Beale St.
Goodyear Rubber Co....573-589 Market St.
Gorham Rubber Co....50 Fremont St.

SALT.

Barton, Wm. F., President Union Salt Co....46 Sacramento St.
California Salt Co....Mills Bldg.

SAW WORKS.

Atkins, E. C. & Co., Inc....157-161 Main St.
California Saw Works....721 Brannan St.

SCALES.

Fairbanks, Morse & Co....158 First St.

SEEDS.

Morse, C. C. & Co....48-56 Jackson St.

SEWING MACHINES.

Hawkins, C. A., White Sewing Machine Co....1460 Market St.

SHIP BROKERS.

Page Brothers....310 California St.

SHIP BUILDING AND DRY DOCKING.

Moore & Scott Iron Works ....Main & Howard Sts.
Union Iron Works Co. ....20th & Michigan Sts.
United Engineering Works....254 Spear St.
Vulcan Iron Works....604 Mission St.

SHIP CHANDLERY.

Haviside, Withers & Davis ....34-36 Stewart St.
Hendry, C. J. Company....46 Clay St.
Sellers & Madison Company ....94 Market St.

SHIPSMITHS.

Ghrestoffersen & Tway ....420 Beale St.

SHIPPING AND COMMISSION.

Alaska Commercial Co.....Alaska Commercial Bldg.
Alexander & Baldwin.....310 Sansome St.
Balfour, Guthrie & Co.....350 California St.
Barneson-Hibberd Co. .....149 California St.
Bates & Chesebrough.....418 Merch. Exch. Bldg.
Bennett & Goodall.....110 Market St.
Catton, Bell & Co.....454 California St.
Chapman, J. F. & Co.....110 Market St.
Darrow, A. S., Agent Frank Waterhouse & Co., Inc. .....255 California St.
Dollar, Robert.....160 California St.
Eschen & Minor.....24 California St.
Grace, W. R. & Co.....612 California St.
Gray, Geo. D. .....110 Market St.
Gutte, I. (A Corporation).....214 Front St.
Hackfeld, H. & Co., Ltd. .....Alaska Commercial Bldg.
Hamberger, Polhemus Co.....149 California St.
Herrmann, Geo. Company.....310 Sacramento St.
Hind, Rolph & Co.....310 California St.
Hume, G. W. Company.....112 Market St.
Johnson-Locke Mercantile Co., The .....210 California St.
Kruse, Emil T.....24 California St.
Leist, Chas. J. & Co.....2835 Washington St.
McNear, G. W., Jr.....280 Battery St.
Maillard & Schmiedell .....300 Front St.
Maldonado & Co., Inc.....268 Market St.
Mansfield, Lovell Co.....112 Market St.
Mighell, Wm. E.....442 Page St.
Moore, J. J. & Co.....225-233 Pine St.
Newhall, H. M. & Co.....260 California St.
Newman Bros. .....110 Market St.
Northern Commercial Co.....310 Sansome St.
Orient Trade Co., Inc. .....244 California St.
Perkins, Geo. C. .....24 Market St.
Rosenfeld's, John Sons.....1024 Merchants Exch.
Spohn, John H. Co. .....49 Main St.
Spreckels, John D.....90 Clay St.
Thayer, I. E.....112 Market St.
Welch, A. P.....244 California St.
Welch & Co.....244 California St.
Williams, Dimond & Co. .....Alaska Commercial Bldg.

SILKS (Wholesale)

Clayburgh Brothers .....25-27 Sansome St.
Hart, E. & Bro.....14 Sansome St.

SMELTING.

Great Western Smelting & Refining Co.....99 Folsom St.
Selby Smelting & Lead Co.....804 Merchants Exchange.

SOAP.

Fishbeck Soap Co.....17th & Rhode Island Sts.
The N. K. Fairbanks Co.....214 Front St.
Los Angeles Soap Co., T. B. Warner, Manager.....250 Front St.
Peet Bros. Manufacturing Co. .....444 Market St.

SPORTING GOODS.

Golcher Bros. .....510 Market St.

STATIONERS.

Brown & Power Stationery Co.....327-335 California St.
H. S. Crocker Company.....230-240 Brannan St.
Cunningham, Curtiss & Welch.....565 Market St.
Dixon, Fish & Co.....205-7 California St.
Patrick & Company.....560 Market St.
Sanborn, Vail & Co.....755-765 Mission St.
Schwabacher-Frey Stationery Co.....541 Market St.

STEVEDORING.

San Francisco Stevedoring Co.....217 Battery St.
Wilson, Frederick G., Pacific Stevedoring & Ballasting Co. .....72 Fremont St.
Young, Harry R., Secretary California Stevedore & Ballast Co.....210 California St.

STOVES.

Brown, Chas. & Son.....871 Market St.
Holbrook, Merrill & Stetson .....6th & Townsend Sts.
Mangrum & Otter .....561-563 Mission St.
Montague, W. W.....573 Market St.
Steiger & Kerr Stove & Foundry Co.....Cor. Folsom & 18th Sts.

SUGAR.

Alameda Sugar Co.....Alaska Commercial Bldg.
Alexander & Baldwin, Ltd.....Alaska Commercial Bldg.
American Beet Sugar Co.....16 California St.
Buck, John A., President Honolulu Plantation Co...268 Market St.
Brown, A. A. Co.....254 California St.
California & Hawaiian Sugar Refining Company....254 California St.
Hawaiian Commercial & Sugar Company.....405 Alaska Com. Bldg.
Matson, Walter J., Secretary Honolulu Plantation Co. .....268 Market St.
Thomas, H. W., Secy. Hakalau Plantation Co.....408 Postal Tel. Bldg.

SYRUP.

Long Syrup Refining Co.....16th & Harrison Sts.
Pacific Coast Syrup Company.....713 Sansome St.

TAILORS, MERCHANT.

Bullock & Jones Company.....62 Kearny St.

TANKS.

Pacific Tank & Pipe Co.....318 Market St.

TELEPHONE AND TELEGRAPH COMPANIES.

Bradley, Edgar C., Vice-President & General Manager Pacific Telephone & Telegraph Co.....210 Post St.
Pacific Telephone & Telegraph Co. .....210 Post St.
Postal Telegraph-Cable Co.....Postal Telegraph Bldg.
Scott, Henry T., President, Pacific Telephone & Telegraph Co. .....210 Post St.
Western Union Telegraph Co.....SE cor Pine & Montgomery.

TENTS AND AWNINGS.

Ames, Harris, Neville Co.....126 Potrero Ave.

TERRA COTTA AND POTTERY.

Clark, N. & Sons.....116 Natoma St.
Gladding, McBean & Co.....311 Crocker Bldg.
Steiger Terra Cotta & Pottery Works .....Mills Bldg.

TIN PLATE.

Williams, I. B., Representative American Tin Plate Co. .....918 Crocker Bldg.

TITLE INSURANCE.

California Title Insurance & Truat Co.....410 Montgomery St.

THREAD.

The Linen Thread Co.....443 Mission St.

TOBACCO.

Heyneman, Herman .....325-335 Davis St.
Schoenfeld, D. M.....616-518 Washington St.
Whitaker, G. W., Vice-President The John Bollman Co. .....331 Battery St.

TRANSPORTATION AND STEAMSHIP COMPANIES.

Adams, H. M., Western Pac. Ry. .....Mills Bldg.
Alaska Pacific Steamship Co.....Howard St. Wharf.
Avery, W. H., Asst. General Manager Toyo Kisen Kaisha .....Metrop. Bk. Bldg.
Bissell, Wm. R., Asst. Traffic Manager, A. T. & S. F. Ry.....673 Market St.
Buck, Walter E., Manager Associated Transportation Co. .....85 Second St.
California Transportation Co.....Jackson St. Wharf.
Capelle, Robert, General Agent, North German Lloyd Steamship Co.....250 Powell St.
Ebey, Harold H., Kosmos Line .....158 California St.
Fee, Chas. S., Passenger Traffic Manager Southern Pacific Co.....722 Flood Bldg.
Gordon, Phil. K., Pacific Coast Passenger Agent Washington-Sunset Route.....32 Powell St.
Gregg, Harry B., Secretary Matson Navigation Co. .....268 Market St.
Horsburgh, James, Jr., General Passenger Agent Southern Pacific Co.....940 Flood Bldg.
Matson, William, Pres. Matson Navigation Co.....268 Market St.
Mullally, Thornwell, Asst. to President United Railroads .....86 Second St.
Olney, Warren, Jr., Rep. Western Pacific Ry.....Mills Bldg.
Pacific Mail Steamship Co.....384 Flood Bldg.
Payson, A. H., Asst. to Pres. A. T. & S. F. Ry.....673 Market St.
Pacific Coast Steamship Company.....112 Market St.
Pollard, Thomas, Pollard Steamship Co.....244 California St.
Richmond Belt Ry. .....1st National Bank Bldg.
Samuels, Frederick S. .....100 Davis St.
Schlacks, C. H., First Vice-President W. P. Ry.....Mills Bldg.
Sierra Railway Co.....410 Crocker Bldg.
Tonopah & Tidewater Co. .....255 Monadnock Bldg.

TRUNKS AND TRAVELING BAGS.

Malm, C. A. & Co.....266 Bush St.

TUG BOATS.

Shipowners' & Merchants' Tugboat Co.....Foot of Green St.

TYPE AND PRINTERS SUPPLIES.

American Type Founders Co.....820-822 Mission St.

VEHICLES.

Studebaker Bros. Co. of California.....Fremont & Mission Sts.

VINEGAR.

Golden Gate Compressed Yeast Co.....26 Mint Ave.

WAGON AND TRUCK MANUFACTURERS.

Schindler, Henry B.....160 Spear St.

WALL PAPER.

Uhl Bros. .....717 Market St.

WAREHOUSES.

Adams, Edson F., President Oakland Dock & Warehouse Co. .....1103 Broadway, Oakland, Cal.
The Haslett Warehouse Co.....310 California St.
Morse, I. H., Security Warehouse .....1691 Bush St.
Southern Pacific Milling Co.....Royal Insurance Bldg.

WHALING.

Pacific Steam Whaling Co.....310 California St.

WHOLESALE PRODUCE.

Dunbar-Hansen Co. .....322 Drumm St.

WINES (See Liquors)

WIRE AND WIRE ROPE.

American Steel & Wire Co.....Folsom & 16th Sts.
Roebling's, John A. Sons Co. .....624-46 Folsom St.

WOODEN AND WILLOW WARE.

Levenson & Co.....31 Front St.

WOOL.

Bissinger & Co.....Jackson & Front Sts.
Hulme & Hart.....19th & Tennessee Sts.
Koshland, S. & Co.....110 Market St.

WOOLENS.

Arnstein, Simon & Co.....3rd & Mission Sts.

YEAST.

Golden Gate Compressed Yeast Co.....26 Mint Ave.